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** |_|  |_||_|    |____/|_| \_\ \___|(_)(_)  **
**                                    (TM)   **
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Release 3.1A John F. Collins, Biocomputing Research Unit.
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MPsrch_pp   protein - protein database search, using Smith-Waterman algorithm

Run: Wed Aug 16 09:59:25 2000;   MasPar time 4.27 Seconds
                                         362.555 Million cell updates/sec
Tabular output not generated.

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Description: (1-101) from US09427873.pep
Perfect Score: 101
Sequence: 1 LGKFSQTCYNSAIQGSVLTS.........STKINLDDHIANIDGTLKYE 101

Scoring table: TABLE unitprotable
                Gap 60

Searched: 152433 seqs, 15329240 residues

Post-processing: Minimum Match 0%
                 Listing first 1000 summaries

Database: a-issued
                1:5A_COMB 2:5B_COMB 3:6_COMB 4:PCT_COMB 5:backfiles1

Statistics: Mean 2.326; Variance 0.628; scale 3.705

      Pred. No. is the number of results predicted by chance to have a
      score greater than or equal to the score of the result being printed,
      and is derived by analysis of the total score distribution.

                SUMMARIES
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| 450 | 5.0 | 5 | US-08-659- | 2 | Sequence 4, Applicatio | 5.59e+02 |
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| 462 | 5.0 | 5 | US-08-484- | 2 | Sequence 6, Applicatio | 5.59e+02 |
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| 489 | 5.0 | 5 | US-08-368- | 1 | Sequence 17, Applicati | 5.59e+02 |
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| 496 | 5.0 | 5 | US-08-097- | 2 | Sequence 30, Applicatio | 5.59e+02 |
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| 500 | 5.0 | 5 | US-08-023- | 2 | Sequence 12, Applicatio | 5.59e+02 |
| 501 | 5.0 | 5 | PCT-US93-0 | 4 | Sequence 13, Applicatio | 5.59e+02 |
| 502 | 5.0 | 5 | US-08-362- | 2 | Sequence 13, Applicatio | 5.59e+02 |
| 503 | 5.0 | 5 | US-08-448- | 3 | Sequence 13, Applicatio | 5.59e+02 |
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| 505 | 5.0 | 5 | US-08-449- | 2 | Sequence 1, Applicatio | 5.59e+02 |
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| 507 | 5.0 | 5 | US-08-677- | 2 | Sequence 12, Applicatio | 5.59e+02 |
| 508 | 5.0 | 5 | PCT-US94-0 | 4 | Sequence 13, Applicatio | 5.59e+02 |
| 509 | 5.0 | 5 | US-08-477- | 2 | Sequence 13, Applicatio | 5.59e+02 |
| 510 | 5.0 | 5 | US-08-484- | 2 | Sequence 13, Applicatio | 5.59e+02 |
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| 512 | 5.0 | 5 | US-08-987- | 1 | Sequence 4, Applicatio | 5.59e+02 |
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| 514 | 5.0 | 5 | US-08-991- | 3 | Sequence 13, Applicatio | 5.59e+02 |
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| 518 | 5.0 | 5 | US-08-344- | 3 | Sequence 6, Applicatio | 5.59e+02 |
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| 532 | 5.0 | 5 | 540706-1 | 5 | Sequence 2, Applicatio | 5.59e+02 |
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| 534 | 5.0 | 5 | US-08-752- | 2 | Sequence 12, Applicatio | 5.59e+02 |

| #   | Score | N | Patent      | Code | Ref  | Score | N | Sequence / Application   | Value    |
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| 548 | 5.0 | 5 | US-08-224-  | 1 | 652 | 5.0 | 5 | Sequence 97, Applicati   | 5.59e+02 |
| 549 | 5.0 | 5 | US-08-261-  | 1 | 652 | 5.0 | 5 | Sequence 6, Applicatio   | 5.59e+02 |
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| 559 | 5.0 | 5 | US-07-878-  | 1 | 683 | 5.0 | 5 | Sequence 2, Applicatio   | 5.59e+02 |
| 560 | 5.0 | 5 | US-08-477-  | 1 | 683 | 5.0 | 5 | Sequence 17, Applicati   | 5.59e+02 |
| 561 | 5.0 | 5 | US-08-237-  | 1 | 705 | 5.0 | 5 | Sequence 4, Applicatio   | 5.59e+02 |
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| 577 | 5.0 | 5 | US-08-742-  | 2 | 763 | 5.0 | 5 | Sequence 4, Applicatio   | 5.59e+02 |
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| 586 | 5.0 | 5 | US-07-670-  | 1 | 793 | 5.0 | 5 | Sequence 48, Applicatio  | 5.59e+02 |
| 587 | 5.0 | 5 | US-08-446-  | 2 | 793 | 5.0 | 5 | Sequence 54, Applicatio  | 5.59e+02 |
| 588 | 5.0 | 5 | US-08-188-  | 1 | 798 | 5.0 | 5 | Sequence 30, Applicatio  | 5.59e+02 |
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| 617 |     | 5 | US-08-588-  | 2 | 918 | 5.0 | 5 | Sequence 14, Applicati   | 5.59e+02 |
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| 624 |     | 5 | US-07-872-  | 1 | 921 | 5.0 | 5 | Sequence 39, Applicati   | 5.59e+02 |
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| 626 |     | 5 | US-08-455-  | 1 | 921 | 5.0 | 5 | Sequence 39, Applicati   | 5.59e+02 |
| 627 |     | 5 | PCT-US92-0  | 4 | 921 | 5.0 | 5 | Sequence 39, Applicati   | 5.59e+02 |
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| 650 |     | 5 | PCT-US95-0  | 1 | 990 | 5.0 | 5 | Sequence 2, Applicatio   | 5.59e+02 |
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| 654 |     | 5 | PCT-US95-0  | 1 | 995 | 5.0 | 5 | Sequence 14, Applicati   | 5.59e+02 |
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ALIGNMENTS

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CC   Sequence 2, Application US/08969378
CC   Patent No. 601576
CC   GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/969,378
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/429,965
CC   FILING DATE: 27-APR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Lacher, Carol
CC   REGISTRATION NUMBER: 35243

CC   REFERENCE/DOCKET NUMBER: 61037
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (312)616-5600
CC   TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 101 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 101 AA; 11013 MW; 49325 CN;

Query Match            100.0%;  Score 101;  DB 3;  Length 101;
Best Local Similarity  100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

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CC   Sequence 2, Application US/08970179A
CC   Patent No. 5962668
CC   GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/970,179A
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/638,610
CC   FILING DATE: 26-APR-1996
CC   APPLICATION NUMBER: US 08/429965
CC   FILING DATE: 27-APR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Kilyk, John Jr.
CC   REGISTRATION NUMBER: 30763
CC   REFERENCE/DOCKET NUMBER: 61109
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (312)616-5600
CC   TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:

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CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 101 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE   101 AA;  11013 MW;  49325 CN;

Query Match            100.0%;  Score 101;  DB 2;  Length 101;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

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CC   GENERAL INFORMATION:
CC     APPLICANT:  Boyd, Michael R.
CC     APPLICANT:  Gustafson, Kirk R.
CC     APPLICANT:  Shoemaker, Robert H.
CC     APPLICANT:  McMahon, James B.
CC     TITLE OF INVENTION:  ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC     TITLE OF INVENTION:  CODING SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC       STREET: Two Prudential Plaza, Suite 4900
CC       CITY: Chicago
CC       STATE: IL
CC       COUNTRY: U.S.A.
CC       ZIP: 60601-6780
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/638,610
CC       FILING DATE: 26-APR-1996
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 08/429965
CC       FILING DATE: 27-APR-1995
CC       CLASSIFICATION: 435
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Kilyk, John Jr.
CC       REGISTRATION NUMBER: 30763
CC       REFERENCE/DOCKET NUMBER: 61109
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (312)616-5600
CC       TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 101 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE   101 AA;  11013 MW;  49325 CN;
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Query Match            100.0%;  Score 101;  DB 2;  Length 101;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

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CC   Sequence 2, Application US/08969584
CC   Patent No. 5962653
CC   GENERAL INFORMATION:
CC     APPLICANT:  Boyd, Michael R.
CC     APPLICANT:  Gustafson, Kirk R.
CC     APPLICANT:  Shoemaker, Robert H.
CC     APPLICANT:  McMahon, James B.
CC     TITLE OF INVENTION:  ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC     TITLE OF INVENTION:  CODING SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC       STREET: Two Prudential Plaza, Suite 4900
CC       CITY: Chicago
CC       STATE: IL
CC       COUNTRY: U.S.A.
CC       ZIP: 60601-6780
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/969,584
CC       FILING DATE:
CC       CLASSIFICATION:
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: 08/429,965
CC       FILING DATE: 27-APR-1995
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Larcher, Carol
CC       REGISTRATION NUMBER: 35243
CC       REFERENCE/DOCKET NUMBER: 61037
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (312)616-5600
CC       TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
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CC       LENGTH: 101 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE   101 AA;  11013 MW;  49325 CN;

Query Match            100.0%;  Score 101;  DB 2;  Length 101;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

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Qy   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Db  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
       |||||||||||||||||||||||||||||||||||||||||
Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101


RESULT 5
ID   US-08-969-249A-2       STANDARD;      PRT;      101 AA.
XX
AC   xxxxxx
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DT
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DE   Sequence 2, Application US/08969249A
XX
CC   Sequence 2, Application US/08969249A
CC   Patent No. 5998587
CC   GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC     TITLE OF INVENTION: ANTIVIRAL PROTEINS, DNA CODING
CC     TITLE OF INVENTION: SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC       STREET: Two Prudential Plaza, Suite 4900
CC       CITY: Chicago
CC       STATE: IL
CC       COUNTRY: U.S.A.
CC       ZIP: 60601-6780
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: Patent In Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/969,249A
CC       FILING DATE: 12-No. 5998587-1997
CC       CLASSIFICATION: 530
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 08/638610
CC       FILING DATE: 26-April-1996
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Carol Larcher
CC       REGISTRATION NUMBER: 35,243
CC       REFERENCE/DOCKET NUMBER: 75825
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (312)616-5600
CC       TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 101 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE 101 AA; 11013 MW; 49325 CN;

Query Match         100.0%;  Score 101;  DB 2;  Length 101;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches   101;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

Db   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
       ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
Db  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101


RESULT 6
ID   US-08-429-965-2        STANDARD;      PRT;      101 AA.
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AC   xxxxxx
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DT
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DE   Sequence 2, Application US/08429965
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CC   Sequence 2, Application US/08429965
CC   Patent No. 5843882
CC   GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC     TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC     TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC       STREET: Two Prudential Plaza, Suite 4900
CC       CITY: Chicago
CC       STATE: IL
CC       COUNTRY: U.S.A.
CC       ZIP: 60601-6780
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/429,965
CC       FILING DATE: 27-APR-1995
CC       CLASSIFICATION: 514
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Larcher, Carol
CC       REGISTRATION NUMBER: 35243
CC       REFERENCE/DOCKET NUMBER: 61037
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (312)616-5600
CC       TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 101 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE 101 AA; 11013 MW; 49325 CN;

Query Match         100.0%;  Score 101;  DB 2;  Length 101;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches   101;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

Db   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
       ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
Db  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
       |||||||||||||||||||||||||||||||||||||||||
Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101


RESULT 7
ID   US-08-969-378-4        STANDARD;      PRT;      109 AA.
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AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08969378
XX
CC   Sequence 4, Application US/08969378
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CC   Patent No 6015876
CC   GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC   NUMBER OF SEQUENCES: 4
CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/969,378
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/429,965
CC   FILING DATE: 27-APR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Larcher, Carol
CC   REGISTRATION NUMBER: 35243
CC   REFERENCE/DOCKET NUMBER: 61037
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (312)616-5600
CC   TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 109 AA; 12008 MW; 57699 CN;

Query Match          100.0%;  Score 101;  DB 3;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches 101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
          |||||||||||||||||||||||||||||||||||||||||
Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 8
ID   US-08-970-179A-4     STANDARD;     PRT;     109 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08970179A
XX
CC   Sequence 4, Application US/08970179A
CC   Patent No 5962668
CC   GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
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CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/970,179A
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/638,610
CC   FILING DATE: 26-APR-1996
CC   APPLICATION NUMBER: US 08/429965
CC   FILING DATE: 27-APR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Kilyk, John Jr.
CC   REGISTRATION NUMBER: 30763
CC   REFERENCE/DOCKET NUMBER: 61109
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (312)616-5600
CC   TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 109 AA; 12008 MW; 57699 CN;

Query Match          100.0%;  Score 101;  DB 2;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches 101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
          |||||||||||||||||||||||||||||||||||||||||
Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 9
ID   US-08-638-610-4     STANDARD;     PRT;     109 AA.
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AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08638610
XX
CC   Sequence 4, Application US/08638610
CC   Patent No 5821081
CC   GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
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CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/638,610
CC   FILING DATE: 26-APR-1996
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/429965
CC   FILING DATE: 27-APR-1995
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Kilyk, John Jr.
CC   REGISTRATION NUMBER: 30763
CC   REFERENCE/DOCKET NUMBER: 61109
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (312)616-5600
CC   TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 109 AA; 12008 MW; 57699 CN;

Query Match 100.0%; Score 101; DB 2; Length 109;
Best Local Similarity 100.0%; Pred. No. 1.05e-142;
Matches 101; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db   9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy   1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db 69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
         ||||||||||||||||||||||||||||||||||||||||
Qy 61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 10
ID   US-08-969-584-4   STANDARD;   PRT;   109 AA.
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AC   xxxxxx

Sequence 4, Application US/08969584
Patent No. 5962653
GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk

CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/969,584
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/429,965
CC   FILING DATE: 27-APR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Larcher, Carol
CC   REGISTRATION NUMBER: 35243
CC   REFERENCE/DOCKET NUMBER: 61037
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (312)616-5600
CC   TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 109 AA; 12008 MW; 57699 CN;

Query Match 100.0%;   Score 101; DB 2; Length 109;
Best Local Similarity 100.0%; Pred. No. 1.05e-142;
Matches 101; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db   9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy   1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db 69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
         ||||||||||||||||||||||||||||||||||||||||
Qy 61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 11
ID   US-08-969-249A-4   STANDARD;   PRT;   109 AA.
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AC   xxxxxx
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DT
DE
XX
CC   Sequence 4, Application US/08969249A
CC   Sequence 4, Application US/08969249A
CC   Patent No. 5998587
CC   GENERAL INFORMATION:
CC   APPLICANT: Boyd, Michael R.
CC   APPLICANT: Gustafson, Kirk R.
CC   APPLICANT: Shoemaker, Robert H.
CC   APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS, DNA CODING
CC   TITLE OF INVENTION: SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC   STREET: Two Prudential Plaza, Suite 4900
CC   CITY: Chicago
CC   STATE: IL
CC   COUNTRY: U.S.A.
CC   ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: Patent In Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/969,249A
CC   FILING DATE: 12-No. 5998587-1997
CC   CLASSIFICATION: 530

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CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: US 08/638610
CC      FILING DATE: 26-April-1996
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME: Carol Larcher
CC      REGISTRATION NUMBER: 35,243
CC      REFERENCE/DOCKET NUMBER: 75825
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (312)616-5600
CC      TELEFAX: (312)616-5700
CC    INFORMATION FOR SEQ ID NO: 4:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 109 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC      MOLECULE TYPE: protein
SQ    SEQUENCE  109 AA;  12008 MW;  57699 CN;

Query Match            100.0%;  Score 101;  DB 2;  Length 109;
Best Local Similarity  100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Db   9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy   1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db  69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
         |||||||||||||||||||||||||||||||||||||||||
Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 12
ID   US-08-429-965-4   STANDARD;   PRT;   109 AA.
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AC   xxxxxx
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DT
XX
DE   Sequence 4, Application US/08429965
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CC   Sequence 4, Application US/08429965
CC   Patent No. 5843882
CC   GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC     TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC     TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC     STREET: Two Prudential Plaza, Suite 4900
CC     CITY: Chicago
CC     STATE: IL
CC     COUNTRY: U.S.A.
CC     ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/429,965
CC     FILING DATE: 27-APR-1995
CC     CLASSIFICATION: 514
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Larcher, Carol
CC     REGISTRATION NUMBER: 35243
CC     REFERENCE/DOCKET NUMBER: 61037
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
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CC    INFORMATION FOR SEQ ID NO: 4:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 109 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC      MOLECULE TYPE: protein
SQ    SEQUENCE  109 AA;  12008 MW;  57699 CN;

Query Match            100.0%;  Score 101;  DB 2;  Length 109;
Best Local Similarity  100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Db   9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy   1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db  69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
         |||||||||||||||||||||||||||||||||||||||||
Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 13
ID   US-08-353-476-68   STANDARD;   PRT;   299 AA.
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AC   xxxxxx
XX
DT
XX
DE   Sequence 68, Application US/08353476
XX
CC   Sequence 68, Application US/08353476
CC   Patent No. 5871902
CC   GENERAL INFORMATION:
CC     APPLICANT: Weininger, Susan
CC     APPLICANT: Weininger, Arthur M
CC     TITLE OF INVENTION: METHOD OF DETECTION OF DNA WITH A
CC     TITLE OF INVENTION: SPECIFIC SEQUENCE COMPOSITION
CC     NUMBER OF SEQUENCES: 117
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Saliwanchik & Saliwanchik
CC     STREET: 2421 N.W. 41st St., Suite A-1
CC     CITY: Gainesville
CC     STATE: Florida
CC     COUNTRY: USA
CC     ZIP: 32606
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/353,476
CC     FILING DATE:
CC     CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Bencen, Gerard H
CC     REGISTRATION NUMBER: 35,746
CC     REFERENCE/DOCKET NUMBER: GP-100
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (904) 375-8100
CC     TELEFAX: (904) 372-5800
CC   INFORMATION FOR SEQ ID NO: 68:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 299 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: peptide
CC     HYPOTHETICAL: NO
CC     ANTI-SENSE: NO
CC     FRAGMENT TYPE: internal
SQ   SEQUENCE  299 AA;  33278 MW;  480587 CN;

Query Match            7.9%;  Score 8;  DB 2;  Length 299;
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Best Local Similarity 100.0%;   Pred. No. 2.45e-01;
Matches   8; Conservative   0; Mismatches   0;   Indels   0; Gaps   0;

Db   181 SSIDLNSV 188
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Qy   32 SSIDLNSV 39

RESULT 14
ID   US-08-804-953-2   STANDARD;   PRT;   102 AA.
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AC   xxxxxx
XX
DT
XX
DE
XX
CC   Sequence 2, Application US/08804953
CC
CC   Sequence 2, Application US/08804953
CC   Patent No. 5968778
XX
CC   GENERAL INFORMATION:
CC   APPLICANT: Hoppe, Jurgen
CC   APPLICANT: Welch, Herbert
CC   TITLE OF INVENTION: PDGF-A, PDGF-AA, PDGF-AB,
CC   TITLE OF INVENTION: PREPARATION PROCESS AND
CC   TITLE OF INVENTION: PHARMACEUTICALS CONTAINING
CC   TITLE OF INVENTION: THEM
CC   NUMBER OF SEQUENCES: 3
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Joseph T. Eisele
CC   ADDRESSEE: Kane, Dalsimer, Sullivan, Kurucz,
CC   ADDRESSEE: Levy, Eisele and Richard
CC   STREET: 711 Third Avenue
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: U.S.A.
CC   ZIP: 10017-4059
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: 3-1/2" DISKETTE
CC   COMPUTER: IBM-XT COMPATIBLE
CC   OPERATING SYSTEM: DOS 3.3:
CC   SOFTWARE: WORDPERFECT 5.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/804,953
CC   FILING DATE: 24-FEB-1997
CC   CLASSIFICATION: 257
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 07/720.771
CC   FILING DATE: 08/07/91
CC   APPLICATION NUMBER: PCT/EP90/00063
CC   FILING DATE: 01/11/90
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: EISELE, JOSEPH T.
CC   REGISTRATION NUMBER: 25,331
CC   REFERENCE/DOCKET NUMBER: 2727-56 PCT
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (212) 687-6000
CC   TELEFAX: (212) 682-3485
CC   TELEX: (212) 426767
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 102 residues
CC   TYPE: amino acid
CC   STRANDEDNESS: N/A
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: Protein
CC   HYPOTHETICAL: Yes
CC   ANTI-SENSE: No
CC   FRAGMENT TYPE:
CC   ORIGINAL SOURCE:
CC   ORGANISM:
CC   STRAIN: E. Coli
CC   INDIVIDUAL ISOLATE:
CC   DEVELOPMENTAL STAGE:
CC   HAPLOTYPE:
CC   TISSUE TYPE:
CC   CELL TYPE:
CC   CELL LINE:
CC   ORGANELLE:
CC   IMMEDIATE SOURCE:
CC   CLONE: PDGF-A
CC   FEATURE:
CC   OTHER INFORMATION:
SQ   SEQUENCE   102 AA; 11691 MW; 51884 CN;

Query Match   5.9%;   Score 6;   DB 2; Length 102;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0;   Indels   0; Gaps   0;

Db   2 AECKTR 7
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Qy   71 AECKTR 76

RESULT 15
ID   5498600-3   STANDARD;   PRT;   109 AA.
XX
AC   xxxxxx
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DT
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DE   Patent No. 5498600
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CC   Patent No. 5498600
CC   APPLICANT: MURRAY, MARK J.;KELLY, JAMES D.
CC   TITLE OF INVENTION: BIOLOGICALLY ACTIVE MOSAIC PROTEINS
CC   NUMBER OF SEQUENCES: 34
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/319,776
CC   FILING DATE: 07-OCT-1994
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 926,149
CC   FILING DATE: 05-AUG-1992
CC   APPLICATION NUMBER: 379,239
CC   FILING DATE: 11-JUL-1989
CC   APPLICATION NUMBER: 941,970
CC   FILING DATE: 15-DEC-1986
CC   APPLICATION NUMBER: 896,485
CC   FILING DATE: 3-AUG-1986
CC   APPLICATION NUMBER: 705,175
CC   FILING DATE: 25-FEB-1985
CC   APPLICATION NUMBER: 660,496
CC   FILING DATE: 12-OCT-1984
CC   SEQ ID NO:3:
CC   LENGTH: 109
SQ   SEQUENCE   109 AA; 12294 MW; 59268 CN;

Query Match   5.9%;   Score 6;   DB 5; Length 109;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0;   Indels   0; Gaps   0;

Db   14 AECKTR 19
           ||||||
Qy   71 AECKTR 76

RESULT 16
ID   US-08-094-079-2   STANDARD;   PRT;   109 AA.
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AC   xxxxxx
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XX
DE   Sequence 2, Application US/08094079
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CC   Sequence 2, Application US/08094079
CC   Patent No. 5512545

CC GENERAL INFORMATION:
CC   APPLICANT: COOK, Anne L
CC   APPLICANT: CRAIG, Stewart
CC   APPLICANT: CLEMENTS, John M
CC   APPLICANT: EDWARDS, Richard M
CC   APPLICANT: BROWN, David
CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Allegretti & Witcoff, Ltd.
CC   STREET: 10 S. Wacker Dr.
CC   CITY: Chicago
CC   STATE: Illinois
CC   COUNTRY: USA
CC   ZIP: 60606
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/094,079
CC   FILING DATE: 24-JAN-1992
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: WO PCT/GB92/00141
CC   FILING DATE: 24-JAN-1992
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: GB 9101645.1
CC   FILING DATE: 24-JAN-1991
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: McDonnell, John J
CC   REGISTRATION NUMBER: 26,949
CC   REFERENCE/DOCKET NUMBER: 93,640
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 312-715-1000
CC   TELEFAX: 312-715-1234
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC   NAME/KEY: Protein
CC   LOCATION: 1..109
CC   OTHER INFORMATION: /note= "Truncated PDGF-B (PDGF-Bt)"
SEQUENCE 109 AA; 12294 MW; 59268 CN:

Query Match   5.9%; Score 6; DB 1; Length 109;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative 0; Mismatches 0;

Db   14 AECKTR 19
         ||||||
Qy   71 AECKTR 76

RESULT 17
ID US-08-691-794-4   STANDARD;   PRT;   109 AA.
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AC xxxxxx
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DE Sequence 4, Application US/08691794
XX
CC Sequence 4, Application US/08691794
CC Patent No. 6057428
CC GENERAL INFORMATION:
CC   APPLICANT: Keyt, Bruce A.
CC   APPLICANT: Nguyen, Francis H.

CC   APPLICANT: Ferrara, Napoleone
CC   APPLICANT: Cunningham, Brian C.
CC   APPLICANT: Wells, James A.
CC   APPLICANT: Li, Bing
CC   TITLE OF INVENTION: Variants of Vascular Endothelial Cell
CC   TITLE OF INVENTION: Growth Factor, Their Uses, and Processes for their
CC   TITLE OF INVENTION: Production
CC   NUMBER OF SEQUENCES: 45
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
CC   STREET: Four Embarcadero Center, Suite 3400
CC   CITY: San Francisco
CC   STATE: California
CC   COUNTRY: United States
CC   ZIP: 94111-4187
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/691,794
CC   FILING DATE: 02-AUG-1996
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 60/002,827
CC   FILING DATE: 25-AUG-1995
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/567,200
CC   FILING DATE: 05-DEC-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Dreger, Walter H.
CC   REGISTRATION NUMBER: 24,190
CC   REFERENCE/DOCKET NUMBER: A-63758/WHD
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (415) 781-1989
CC   TELEFAX: (415) 398-3249
CC   TELEX: 910 277299
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: unknown
CC   TOPOLOGY: unknown
CC   MOLECULE TYPE: protein
SQ SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match   5.9%; Score 6; DB 3; Length 109;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative 0; Mismatches 0;

Db   14 AECKTR 19
         ||||||
Qy   71 AECKTR 76

RESULT 18
ID US-08-094-079-5   STANDARD;   PRT;   109 AA.
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AC xxxxxx
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XX
DE Sequence 5, Application US/08094079
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CC Sequence 5, Application US/08094079
CC Patent No. 5512545
CC GENERAL INFORMATION:
CC   APPLICANT: COOK, Anne L
CC   APPLICANT: CRAIG, Stewart
CC   APPLICANT: CLEMENTS, John M
CC   APPLICANT: EDWARDS, Richard M
CC   APPLICANT: BROWN, David

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CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Allegretti & Witcoff, Ltd.
CC      STREET: 10 S. Wacker Dr.
CC      CITY: Chicago
CC      STATE: Illinois
CC      COUNTRY: USA
CC      ZIP: 60606
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/094,079
CC      FILING DATE: 24-JAN-1992
CC      CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: WO PCT/GB92/00141
CC      FILING DATE: 24-JAN-1992
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: GB 9101645.1
CC      FILING DATE: 24-JAN-1991
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME: McDonnell, John J
CC      REGISTRATION NUMBER: 26,949
CC      REFERENCE/DOCKET NUMBER: 93,640
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: 312-715-1000
CC      TELEFAX: 312-715-1234
CC   INFORMATION FOR SEQ ID NO: 5:
CC   SEQUENCE CHARACTERISTICS:
CC      LENGTH: 109 amino acids
CC      TYPE: amino acid
CC      STRANDEDNESS: single
CC      TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC      NAME/KEY: Protein
CC      LOCATION: 1..109
CC      OTHER INFORMATION: /note= "Truncated PDGF-B with Arg
CC      OTHER INFORMATION: 28 > Ser and Arg 32 > Pro (PDGF-B44)"
SQ   SEQUENCE  109 AA; 12166 MW; 60076 CN;

Query Match             5.9%;  Score 6;  DB 1;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels 0;  Gaps 0;
  Matches    6;  Conservative    0;  Mismatches    0;

D    14 AECKTR 19
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Qy   71 AECKTR 76

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AC   xxxxxx
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DE   Sequence 3, Application US/08094079
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CC   Sequence 3, Application US/08094079
CC   Patent No. 5512545
CC   GENERAL INFORMATION:
CC      APPLICANT: COOK, Anne L
CC      APPLICANT: CRAIG, Stewart
CC      APPLICANT: CLEMENTS, John M
CC      APPLICANT: EDWARDS, Richard M
CC      APPLICANT: BROWN, David
CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
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CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Allegretti & Witcoff, Ltd.
CC      STREET: 10 S. Wacker Dr.
CC      CITY: Chicago
CC      STATE: Illinois
CC      COUNTRY: USA
CC      ZIP: 60606
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/094,079
CC      FILING DATE: 24-JAN-1992
CC      CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: WO PCT/GB92/00141
CC      FILING DATE: 24-JAN-1992
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: GB 9101645.1
CC      FILING DATE: 24-JAN-1991
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME: McDonnell, John J
CC      REGISTRATION NUMBER: 26,949
CC      REFERENCE/DOCKET NUMBER: 93,640
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: 312-715-1000
CC      TELEFAX: 312-715-1234
CC   INFORMATION FOR SEQ ID NO: 3:
CC   SEQUENCE CHARACTERISTICS:
CC      LENGTH: 109 amino acids
CC      TYPE: amino acid
CC      STRANDEDNESS: single
CC      TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC      NAME/KEY: Protein
CC      LOCATION: 1..109
CC      OTHER INFORMATION: /note= "Truncated PDGF-B with ARG
CC      OTHER INFORMATION: 28 > SER (PDGF-B5)"
SQ   SEQUENCE  109 AA; 12225 MW; 59660 CN;

Query Match             5.9%;  Score 6;  DB 1;  Length 109;
Best Local Similarity 100.0%;  Pred. 5.04e+01;  Indels 0;  Gaps 0;
  Matches    6;  Conservative    0;  Mismatches    0;

Db   14 AECKTR 19
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Qy   71 AECKTR 76

RESULT  20
ID   US-08-804-953-3   STANDARD;   PRT;   109 AA.
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AC   xxxxxx
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DE   Sequence 3, Application US/08804953
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CC   Sequence 3, Application US/08804953
CC   Patent No. 5968778
CC   GENERAL INFORMATION:
CC      APPLICANT: Hoppe, Jurgen
CC      APPLICANT: Weich, Herbert
CC   TITLE OF INVENTION: PDGF-A, PDGF-AA, PDGF-AB,
CC   TITLE OF INVENTION: PREPARATION PROCESS AND
CC   TITLE OF INVENTION: PHARMACEUTICALS CONTAINING
CC   TITLE OF INVENTION: THEM
CC   NUMBER OF SEQUENCES: 3
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Joseph T. Eisele
```

CC   ADDRESSEE: Kane, Dalsimer, Sullivan, Kurucz,
CC   ADDRESSEE: Levy, Eisele and Richard
CC   STREET: 711 Third Avenue
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: U.S.A.
CC   ZIP: 10017-4059
CC COMPUTER READABLE FORM:
CC   MEDIUM TYPE: 3-1/2" DISKETTE
CC   COMPUTER: IBM-XT COMPATIBLE
CC   OPERATING SYSTEM: DOS 3.3:
CC   SOFTWARE: WORDPERFECT 5.0
CC CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/804,953
CC   FILING DATE: 24-FEB-1997
CC   CLASSIFICATION: 257
CC PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 07/720,771
CC   FILING DATE: 08/07/91
CC   APPLICATION NUMBER: PCT/EP90/00063
CC   FILING DATE: 01/11/90
CC ATTORNEY/AGENT INFORMATION:
CC   NAME: EISELE, JOSEPH T.
CC   REGISTRATION NUMBER: 25,331
CC   REFERENCE/DOCKET NUMBER: 2727-56 PCT
CC TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (212) 687-6000
CC   TELEFAX: (212) 682-3485
CC   TELEX: (212) 426767
CC INFORMATION FOR SEQ ID NO: 3:
CC SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 residues
CC   TYPE: amino acid
CC   STRANDEDNESS: N/A
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: Protein
CC   HYPOTHETICAL: Yes
CC   ANTI-SENSE: No
CC   FRAGMENT TYPE:
CC   ORIGINAL SOURCE:
CC   ORGANISM:
CC   STRAIN: E. Coli
CC   INDIVIDUAL ISOLATE:
CC   DEVELOPMENTAL STAGE:
CC   HAPLOTYPE:
CC   TISSUE TYPE:
CC   CELL TYPE:
CC   CELL LINE:
CC   ORGANELLE:
CC   IMMEDIATE SOURCE:
CC   CLONE: PDGF-A
CC   FEATURE:
CC   OTHER INFORMATION:
SQ   SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match   5.9%; Score 6; DB 2; Length 109;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative   0; Mismatches   0;

Db   14 AECKTR 19
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Qy   71 AECKTR 76

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ID   US-08-094-079-4   STANDARD;   PRT;   109 AA.
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DE   Sequence 4, Application US/08094079
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CC   Sequence 4, Application US/08094079
CC   Patent No. 5512545
CC GENERAL INFORMATION:
CC   APPLICANT: COOK, Anne L
CC   APPLICANT: CRAIG, Stewart
CC   APPLICANT: CLEMENTS, John M
CC   APPLICANT: EDWARDS, Richard M
CC   APPLICANT: BROWN, David
CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
CC CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Allegretti & Witcoff, Ltd.
CC   STREET: 10 S. Wacker Dr.
CC   CITY: Chicago
CC   STATE: Illinois
CC   COUNTRY: USA
CC   ZIP: 60606
CC COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/094,079
CC   FILING DATE: 24-JAN-1992
CC   CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: WO PCT/GB92/00141
CC   FILING DATE: 24-JAN-1992
CC PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: GB 9101645.1
CC   FILING DATE: 24-JAN-1991
CC ATTORNEY/AGENT INFORMATION:
CC   NAME: McDonnell, John J
CC   REGISTRATION NUMBER: 26,949
CC   REFERENCE/DOCKET NUMBER: 93,640
CC TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 312-715-1000
CC   TELEFAX: 312-715-1234
CC INFORMATION FOR SEQ ID NO: 4:
CC SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC   NAME/KEY: Protein
CC   LOCATION: 1..109
CC   OTHER INFORMATION: /note= "Truncated PDGF-B with ARG
CC   OTHER INFORMATION: 32 > PRO (PDGF-B7)"
SQ   SEQUENCE 109 AA; 12235 MW; 59684 CN;

Query Match   5.9%; Score 6; DB 1; Length 109;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative   0; Mismatches   0;

Db   14 AECKTR 19
          ||||||
Qy   71 AECKTR 76

RESULT   22
ID   PCT-US91-02766-18   STANDARD;   PRT;   109 AA.
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DE   Sequence 18, Application PC/TUS9102766
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CC   Sequence 18, Application PC/TUS9102766
CC   GENERAL INFORMATION:

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CC   APPLICANT: NASCIMENTO, CARLOS G.
CC   APPLICANT: CALDERON-CACIA, MARIA D.
CC   TITLE OF INVENTION: GLYCOSYLATED PDGF
CC   NUMBER OF SEQUENCES: 24
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Irell & Manella
CC     STREET: 545 Middlefield Road, Suite 200
CC     CITY: Menlo Park
CC     STATE: California
CC     COUNTRY: USA
CC     ZIP: 94025
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: PCT/US91/02766
CC     FILING DATE:
CC     CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: US 07/515,474
CC     FILING DATE: 26-APR-1990
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: ROBINS, ROBERTA L.
CC     REGISTRATION NUMBER: 33,208
CC     REFERENCE/DOCKET NUMBER: 2300-0105.40
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (415) 327-7250
CC     TELEFAX: (415) 327-2951
CC     TELEX: 706141
CC   INFORMATION FOR SEQ ID NO: 18:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 109 amino acids
CC     TYPE: AMINO ACID
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE  109 AA;  12294 MW;  59268 CN;

Query Match          5.9%;  Score 6;  DB 4;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative   6;  Mismatches   0;  Indels   0;  Gaps   0;

Db   14 AECKTR 19
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Qy   71 AECKTR 76

RESULT 23
ID   PCT-US93-02612-1      STANDARD;      PRT;      109 AA.
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AC   xxxxxx
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DE   Sequence 1, Application PC/TUS9302612
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CC   Sequence 1, Application PC/TUS9302612
CC   GENERAL INFORMATION:
CC     APPLICANT: Cable, Michael
CC     APPLICANT: Hesson, Thomas
CC     APPLICANT: Mannarino, Anthony
CC     TITLE OF INVENTION: Monomeric Platelet-Derived Growth Factor and Prevention of
CC     NUMBER OF SEQUENCES: 8
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Schering-Plough Corporation
CC       STREET: One Giralda Farms
CC       CITY: Madison
CC       STATE: New Jersey
CC       COUNTRY: USA
CC       ZIP: 07940
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: Apple Macintosh
CC       OPERATING SYSTEM: Macintosh 6.0.5
CC       SOFTWARE: Microsoft Word 4.00B
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: PCT/US93/02612
CC       FILING DATE: 19930326
CC       CLASSIFICATION:
CC     PRIOR APPLICATION DATA: None
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Lunn, Paul, G.
CC       REGISTRATION NUMBER: 32,743
CC       REFERENCE/DOCKET NUMBER: JB0255
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 201-822-7255
CC       TELEFAX: 201-822-7039
CC       TELEX: 219165
CC   INFORMATION FOR SEQ ID NO: 1:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 109 amino acids
CC     TYPE: AMINO ACID
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: peptide
SQ   SEQUENCE  109 AA;  12294 MW;  59268 CN;

Query Match          5.9%;  Score 6;  DB 4;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative   6;  Mismatches   0;  Indels   0;  Gaps   0;

Db   14 AECKTR 19
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Qy   71 AECKTR 76

RESULT 24
ID   US-08-257-494D-1      STANDARD;      PRT;      119 AA.
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DE   Sequence 1, Application US/08257494D
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CC   Sequence 1, Application US/08257494D
CC   Patent No. 5863892
CC   GENERAL INFORMATION:
CC     APPLICANT: Allergan, Inc.
CC     TITLE OF INVENTION: USE OF PLATELET
CC     TITLE OF INVENTION: DERIVED GROWTH FACTOR IN OPHTHALMIC
CC     TITLE OF INVENTION: WOUND HEALING
CC     NUMBER OF SEQUENCES: 6
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Allergan, Inc.
CC       STREET: 2525 Dupont Drive
CC       CITY: Irvine
CC       STATE: California
CC       COUNTRY: USA
CC       ZIP: 92715
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Diskette, 3.50 inch,
CC       MEDIUM TYPE: 1.40MB storage
CC       COMPUTER: Apple Macintosh II
CC       OPERATING SYSTEM: Macintosh OS 7.1
CC       SOFTWARE: Microsoft Word 5.1a
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/257,494D
CC       FILING DATE: 26 FEB 1992
CC       CLASSIFICATION: 514
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: USSN
CC       APPLICATION NUMBER: 07/842,306
CC       FILING DATE: 26 FEB 1992
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Baran, Robert J.
```

```
CC          REGISTRATION NUMBER: 25,806
CC          REFERENCE/DOCKET NUMBER:
CC          REFERENCE/DOCKET NUMBER: 16895(AP)FWC
CC          TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: (714) 246-4669
CC          TELEFAX: (714) 246-4249
CC        INFORMATION FOR SEQ ID NO: 1:
CC          SEQUENCE CHARACTERISTICS:
CC          LENGTH: 119 amino acid residues
CC          TYPE: amino acid
CC          STRANDEDNESS:
CC          TOPOLOGY: linear
CC          MOLECULE TYPE: peptide
SQ     SEQUENCE   119 AA;  13377 MW;  69061 CN;

Query Match             5.9%;  Score 6;  DB 2;  Length 119;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

         14 AECKTR 19
            ||||||
Qy       71 AECKTR 76


RESULT  25
ID   5428135-2       STANDARD;       PRT;      120 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5428135
XX
CC   Patent No. 5428135
CC       APPLICANT: LYONS, DAVID E.;THOMASON, ARLEN R.
CC       TITLE OF INVENTION: PRODUCTION OF PLATELET-DERIVED GROWTH
CC   FACTOR B-CHAIN HETERODIMERS FROM HIGH EXPRESSION HOST CELL SYSTEM
CC       NUMBER OF SEQUENCES: 10
CC       CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/236,880
CC          FILING DATE: 29-APR-1994
CC       PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: 623,671
CC          FILING DATE: 12-DEC-1990
CC          APPLICATION NUMBER: 451,485
CC          FILING DATE: 15-DEC-1989
CC       SEQ ID NO:2:
CC          LENGTH: 120
SQ     SEQUENCE   120 AA;  13509 MW;  70231 CN;

Query Match             5.9%;  Score 6;  DB 5;  Length 120;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db       15 AECKTR 20
            ||||||
Qy       71 AECKTR 76


RESULT  26
ID   5428135-6       STANDARD;       PRT;      129 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5428135
XX
CC   Patent No. 5428135
CC       APPLICANT: LYONS, DAVID E.;THOMASON, ARLEN R.
CC       TITLE OF INVENTION: PRODUCTION OF PLATELET-DERIVED GROWTH
CC   FACTOR B-CHAIN HETERODIMERS FROM HIGH EXPRESSION HOST CELL SYSTEM
CC       NUMBER OF SEQUENCES: 10
CC       CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/236,880
CC          FILING DATE: 29-APR-1994
CC       PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: 623,671
CC          FILING DATE: 12-DEC-1990
CC          APPLICATION NUMBER: 451,485
CC          FILING DATE: 15-DEC-1989
CC       SEQ ID NO:6:
CC          LENGTH: 129
SQ     SEQUENCE   129 AA;  14403 MW;  84518 CN;

Query Match             5.9%;  Score 6;  DB 5;  Length 129;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db       15 AECKTR 20
            ||||||
Qy       71 AECKTR 76


RESULT  27
ID   US-08-989-251-25      STANDARD;       PRT;      146 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 25, Application US/08989251
XX
CC   Sequence 25, Application US/08989251
CC   Patent No. 6017731
CC   GENERAL INFORMATION:
CC       APPLICANT: Tekamp-Olson, Patricia
CC       TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC       TITLE OF INVENTION: PROTEINS IN YEAST
CC       NUMBER OF SEQUENCES: 41
CC       CORRESPONDENCE ADDRESS:
CC          ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC          STREET: 3605 Glenwood Ave. Suite 310
CC          CITY: Raleigh
CC          STATE: NC
CC          COUNTRY: US
CC          ZIP: 27622
CC       COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.30
CC       CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/989,251
CC          FILING DATE:
CC          CLASSIFICATION:
CC       ATTORNEY/AGENT INFORMATION:
CC          NAME: Spruill, W. Murray
CC          REGISTRATION NUMBER: 32,943
CC          REFERENCE/DOCKET NUMBER: 5784-4
CC       TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: 919 420 2202
CC          TELEFAX: 919 881 3175
CC       INFORMATION FOR SEQ ID NO: 25:
CC       SEQUENCE CHARACTERISTICS:
CC          LENGTH: 146 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC          MOLECULE TYPE: protein
SQ     SEQUENCE   146 AA;  16201 MW;  105380 CN;

Query Match             5.9%;  Score 6;  DB 3;  Length 146;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db       51 AECKTR 56
```

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Qy      ||||||
        71 AECKTR 76

RESULT 28
ID   US-08-989-251-2        STANDARD;      PRT;      146 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 2, Application US/08989251
XX
CC   Sequence 2, Application US/08989251
CC   Patent No. 6017731
CC   GENERAL INFORMATION:
CC     APPLICANT: Tekamp-Olson, Patricia
CC     TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC     TITLE OF INVENTION: PROTEINS IN YEAST
CC     NUMBER OF SEQUENCES: 41
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC       STREET: 3605 Glenwood Ave. Suite 310
CC       CITY: Raleigh
CC       STATE: NC
CC       COUNTRY: US
CC       ZIP: 27622
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.30
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/989,251
CC       FILING DATE:
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Sprdill, W. Murray
CC       REGISTRATION NUMBER: 32,943
CC       REFERENCE/DOCKET NUMBER: 5784-4
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 919 420 2202
CC       TELEFAX: 919 881 3175
CC     INFORMATION FOR SEQ ID NO: 2:
CC       SEQUENCE CHARACTERISTICS:
CC         LENGTH: 146 amino acids
CC         TYPE: amino acid
CC         TOPOLOGY: linear
CC       MOLECULE TYPE: protein
SQ   SEQUENCE 146 AA; 16201 MW; 105380 CN;

Query Match          5.9%;  Score 6;  DB 3;  Length 146;
Best Local Similarity 100.0%;            Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps     0;

Db   51 AECKTR 56
        ||||||
Qy   71 AECKTR 76

RESULT 29
ID   US-08-094-079-1        STANDARD;      PRT;      160 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 1, Application US/08094079
XX
CC   Sequence 1, Application US/08094079
CC   Patent No. 5512545
CC   GENERAL INFORMATION:
CC     APPLICANT: COOK, Anne L
CC     APPLICANT: CRAIG, Stewart
CC     APPLICANT: CLEMENTS, John M
CC     APPLICANT: EDWARDS, Richard M
CC     APPLICANT: BROWN, David
CC     TITLE OF INVENTION: PDGF-B ANALOGUES
CC     NUMBER OF SEQUENCES: 22
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Allegretti & Witcoff, Ltd.
CC       STREET: 10 S. Wacker Dr.
CC       CITY: Chicago
CC       STATE: Illinois
CC       COUNTRY: USA
CC       ZIP: 60606
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/094,079
CC       FILING DATE: 24-JAN-1992
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: WO PCT/GB92/00141
CC       FILING DATE: 24-JAN-1992
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: GB 9101645.1
CC       FILING DATE: 24-JAN-1991
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: McDonnell, John J
CC       REGISTRATION NUMBER: 26,949
CC       REFERENCE/DOCKET NUMBER: 93,640
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 312-715-1000
CC       TELEFAX: 312-715-1234
CC     INFORMATION FOR SEQ ID NO: 1:
CC       SEQUENCE CHARACTERISTICS:
CC         LENGTH: 160 amino acids
CC         TYPE: amino acid
CC         STRANDEDNESS: single
CC         TOPOLOGY: linear
CC       MOLECULE TYPE: protein
CC       FEATURE:
CC         NAME/KEY: Protein
CC         LOCATION: 1..160
CC         OTHER INFORMATION: /note= "PDGF-B"
SQ   SEQUENCE 160 AA; 18106 MW; 128787 CN;

Query Match          5.9%;  Score 6;  DB 1;  Length 160;
Best Local Similarity 100.0%;            Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps     0;

Db   14 AECKTR 19
        ||||||
Qy   71 AECKTR 76

RESULT 30
ID   US-08-194-180-3        STANDARD;      PRT;      175 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 3, Application US/08194180
XX
CC   Sequence 3, Application US/08194180
CC   Patent No. 5472871
CC   GENERAL INFORMATION:
CC     APPLICANT: Wood, William B.
CC     APPLICANT: Perry, Marc. D.
CC     APPLICANT: Trent, Carol
CC     TITLE OF INVENTION: Isolation and Characterization of the
```

```
CC    TITLE OF INVENTION: nematode her-1 gene and protein product.
CC    NUMBER OF SEQUENCES: 8
CC    CORRESPONDENCE ADDRESS:
CC    ADDRESSEE: Beaton & Swanson, P.C.
CC    STREET: 4582 South Ulster Street Parkway, #403
CC    CITY: Denver
CC    STATE: Colorado
CC    COUNTRY: USA
CC    ZIP: 80237
CC    COMPUTER READABLE FORM:
CC    MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
CC    COMPUTER: IBM compatible
CC    OPERATING SYSTEM: MS-DOS
CC    SOFTWARE: Wordperfect 5.1
CC    CURRENT APPLICATION DATA:
CC    APPLICATION NUMBER: US/08/194,180
CC    FILING DATE:
CC    CLASSIFICATION: 435
CC    PRIOR APPLICATION DATA:
CC    APPLICATION NUMBER: US/07/844,294
CC    FILING DATE: FEBRUARY 28, 1992
CC    ATTORNEY/AGENT INFORMATION:
CC    NAME: Barry J. Swanson
CC    REGISTRATION NUMBER: 33,215
CC    REFERENCE/DOCKET NUMBER:
CC    TELECOMMUNICATION INFORMATION:
CC    TELEPHONE: (303) 850-9900
CC    TELEFAX: (303) 850-9401
CC    HYPOTHETICAL: yes
CC    FEATURE:
CC    NAME/KEY: her-1 protein
CC    LOCATION: +1 to +175
SQ    SEQUENCE 175 AA; 20172 MW; 148189 CN;

Query Match    5.9%; Score 6; DB 1; Length 175;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches    6; Conservative 0; Mismatches 0;

Db   81 KINLDD 86
         ||||||
Qy   84 KINLDD 89

RESULT 31
ID   US-08-867-352-25    STANDARD;    PRT;    190 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 25, Application US/08867352
XX
CC   Sequence 25, Application US/08867352
CC   Patent No. 6060273
CC   GENERAL INFORMATION:
CC   APPLICANT:
CC   TITLE OF INVENTION: Multicistronic expression units and their use
CC   NUMBER OF SEQUENCES: 25
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/867,352
CC   FILING DATE:
CC   CLASSIFICATION:
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CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/387,847
CC   FILING DATE:
CC   INFORMATION FOR SEQ ID NO: 25:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 190 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 190 AA; 21471 MW; 174347 CN;

Query Match    5.9%; Score 6; DB 3; Length 190;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches    6; Conservative 0; Mismatches 0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT 32
ID   US-08-989-251-37    STANDARD;    PRT;    205 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 37, Application US/08989251
XX
CC   Sequence 37, Application US/08989251
CC   Patent No. 6017731
CC   GENERAL INFORMATION:
CC   APPLICANT: Tekamp-Olson, Patricia
CC   TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC   TITLE OF INVENTION: PROTEINS IN YEAST
CC   NUMBER OF SEQUENCES: 41
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC   STREET: 3605 Glenwood Ave. Suite 310
CC   CITY: Raleigh
CC   STATE: NC
CC   COUNTRY: US
CC   ZIP: 27622
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/989,251
CC   FILING DATE:
CC   CLASSIFICATION:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Spruill, W. Murray
CC   REGISTRATION NUMBER: 32,943
CC   REFERENCE/DOCKET NUMBER: 5784-4
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 919 420 2202
CC   TELEFAX: 919 881 3175
CC   INFORMATION FOR SEQ ID NO: 37:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 205 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 205 AA; 22819 MW; 203125 CN;

Query Match    5.9%; Score 6; DB 3; Length 205;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches    6; Conservative 0; Mismatches 0;

Db   110 AECKTR 115
         ||||||
```

Qy 71 AECKTR 76

RESULT 33
ID US-08-989-251-27   STANDARD;   PRT;   205 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 27, Application US/08989251
XX
CC Sequence 27, Application US/08989251
CC Patent No. 6017731
CC GENERAL INFORMATION:
CC   APPLICANT: Tekamp-Olson, Patricia
CC   TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC   TITLE OF INVENTION: PROTEINS IN YEAST
CC   NUMBER OF SEQUENCES: 41
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC   STREET: 3605 Glenwood Ave. Suite 310
CC   CITY: Raleigh
CC   STATE: NC
CC   COUNTRY: US
CC   ZIP: 27622
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/989,251
CC   FILING DATE:
CC   CLASSIFICATION:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Spruill, W. Murray
CC   REGISTRATION NUMBER: 32,943
CC   REFERENCE/DOCKET NUMBER: 5784-4
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 919 420 2202
CC   TELEFAX: 919 881 3175
CC CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/989,251
CC   FILING DATE:
CC INFORMATION FOR SEQ ID NO: 27:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 205 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ SEQUENCE 205 AA; 22819 MW; 203125 CN;

ry Match 5.9%; Score 6; DB 3; Length 205;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 110 AECKTR 115
       ||||||
Qy   71 AECKTR 76

RESULT 34
ID 5175255-4   STANDARD;   PRT;   220 AA.
XX
AC xxxxxx
XX
DT
XX
DE Patent No. 5175255
XX
CC Patent No. 5175255
CC   APPLICANT: Thomason, Arlen R.;Nicholson, Margery
CC   TITLE OF INVENTION: METHODS FOR PURIFICATION OF PLATELET-
CC   DERIVED GROWTH FACTOR
CC   NUMBER OF SEQUENCES: 9

CC CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/06/25,344
CC   FILING DATE: 23-MAR-1987
CC SEQ ID NO:4:
CC   LENGTH: 220
SQ SEQUENCE 220 AA; 24827 MW; 239232 CN;

Query Match 5.9%; Score 6; DB 5; Length 220;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 74 AECKTR 79
      ||||||
Qy 71 AECKTR 76

RESULT 35
ID US-08-651-136C-2   STANDARD;   PRT;   225 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 2, Application US/08651136C
XX
CC Sequence 2, Application US/08651136C
CC Patent No. 6001639
CC GENERAL INFORMATION:
CC   APPLICANT: Schulein, Martin
CC   APPLICANT: Andersen, Lene N.
CC   APPLICANT: Lassen, Soren F.
CC   APPLICANT: Kauppinen, Markus S.
CC   APPLICANT: Lange, Lene
CC   APPLICANT: Nielsen, Ruby I.
CC   APPLICANT: Ihara, Michiko
CC   APPLICANT: Takagi, Shinobu
CC   TITLE OF INVENTION: No. 6001639el Endoglucanases
CC   NUMBER OF SEQUENCES: 109
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC   STREET: 405 Lexington Avenue, 64th Floor
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: United States of America
CC   ZIP: 10174-6401
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC Compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/651,136C
CC   FILING DATE: 21-MAY-1996
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Lambiris, Elias J.
CC   REGISTRATION NUMBER: 33,728
CC   REFERENCE/DOCKET NUMBER: 4366.200-US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 212-867-0123
CC   TELEFAX: 212-878-9655
CC INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 225 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ SEQUENCE 225 AA; 23736 MW; 253905 CN;

Query Match 5.9%; Score 6; DB 3; Length 225;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Db      98 LAGSSE 103
           ||||||
Qy      63 LAGSSE 68

RESULT 36
ID   5498600-2      STANDARD;      PRT;      226 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5498600
XX
CC   Patent No. 5498600
CC   APPLICANT: MURRAY, MARK J.;KELLY, JAMES D.
CC   TITLE OF INVENTION: BIOLOGICALLY ACTIVE MOSAIC PROTEINS
CC   NUMBER OF SEQUENCES: 34
CC   CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/319,776
CC       FILING DATE: 07-OCT-1994
CC   PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: 926,149
CC       FILING DATE: 05-AUG-1992
CC       APPLICATION NUMBER: 379,239
CC       FILING DATE: 11-JUL-1989
CC       APPLICATION NUMBER: 941,970
CC       FILING DATE: 15-DEC-1986
CC       APPLICATION NUMBER: 896,485
CC       FILING DATE: 3-AUG-1986
CC       APPLICATION NUMBER: 705,175
CC       FILING DATE: 25-FEB-1985
CC       APPLICATION NUMBER: 660,496
CC       FILING DATE: 12-OCT-1984
CC   SEQ ID NO:2:
CC       LENGTH: 226
SQ   SEQUENCE  226 AA; 25470 MW; 249657 CN;

Query Match           5.9%;      Score 6;      DB 5;      Length 226;
Best Local Similarity 100.0%;    Pred. No. 5.04e+01;
Matches      6;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

Db      80 AECKTR 85
           ||||||
Qy      71 AECKTR 76

ULT 37
US-08-651-136C-16      STANDARD;      PRT;      226 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 16, Application US/08651136C
XX
CC   Sequence 16, Application US/08651136C
CC   Patent No. 6001639
CC   GENERAL INFORMATION:
CC   APPLICANT:  Schulein, Martin
CC   APPLICANT:  Andersen, Lene N.
CC   APPLICANT:  Lassen, Soren F.
CC   APPLICANT:  Kauppinen, Markus S.
CC   APPLICANT:  Lange, Lene
CC   APPLICANT:  Nielsen, Ruby I.
CC   APPLICANT:  Ihara, Michiko
CC   APPLICANT:  Takagi, Shinobu
CC   TITLE OF INVENTION: No. 6001639el Endoglucanases
CC   NUMBER OF SEQUENCES: 109
CC   CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC       STREET: 405 Lexington Avenue, 64th Floor
CC       CITY: New York
CC       STATE: New York
CC       COUNTRY: United States of America
CC       ZIP: 10174-6401
CC   COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/651,136C
CC       FILING DATE: 21-MAY-1996
CC       CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC       NAME: Lambiris, Elias J.
CC       REGISTRATION NUMBER: 33,728
CC       REFERENCE/DOCKET NUMBER: 4366.200-US
CC   TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 212-867-0123
CC       TELEFAX: 212-878-9655
CC   INFORMATION FOR SEQ ID NO: 16:
CC   SEQUENCE CHARACTERISTICS:
CC       LENGTH: 226 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE  226 AA; 23406 MW; 252351 CN;

Query Match           5.9%;      Score 6;      DB 3;      Length 226;
Best Local Similarity 100.0%;    Pred. No. 5.04e+01;
Matches      6;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

Db      99 LAGSSE 104
           ||||||
Qy      63 LAGSSE 68

RESULT 38
ID   521973-15      STANDARD;      PRT;      241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5219739
XX
CC   Patent No. 5219739
CC   APPLICANT: TISCHER, EDMUND G.;ABRAHAM, JUDITH A.;FIDDES,
CC   JOHN C.;MITCHELL, RICHARD L.
CC   TITLE OF INVENTION: DNA SEQUENCES ENCODING BVEGF120 AND
CC   HVEGF 121 AND METHODS FOR THE PRODUCTION OF BOVINE AND HUMAN
CC   VAASCULAR ENDOTHELIAL CELL GROWTH FACTORS, BVEGF120 AND HVEGF121
CC   NUMBER OF SEQUENCES: 40
CC   CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/07/559,041
CC       FILING DATE: 27-JUL-1990
CC   PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: 450,883
CC       FILING DATE: 14-DEC-1989
CC       APPLICATION NUMBER: 387,545
CC       FILING DATE: 27-JUL-1989
CC   SEQ ID NO:15:
CC       LENGTH: 241
SQ   SEQUENCE  241 AA; 27269 MW; 286013 CN;

Query Match           5.9%;      Score 6;      DB 5;      Length 241;
Best Local Similarity 100.0%;    Pred. No. 5.04e+01;
Matches      6;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76
```

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RESULT  39
ID   5194596-15     STANDARD;      PRT;     241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5194596
XX
CC      APPLICANT: TISCHER, EDMUND G.;ABRAHAM, JUDITH A.;FIDDES, JOHN
CC      C.;MITCHELL, RICHARD L.
CC      TITLE OF INVENTION: PRODUCTION OF VASCULAR ENDOTHELIAL CELL
CC   GROWTH FACTOR
CC      NUMBER OF SEQUENCES: 32
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: US/07/450,883
CC         FILING DATE: 14-DEC-1989
CC      PRIOR APPLICATION DATA:
CC         APPLICATION NUMBER: 387,545
CC         FILING DATE: 27-JUL-1989
CC   SEQ ID NO:15:
CC      LENGTH: 241
SQ   SEQUENCE   241 AA; 27283 MW; 285581 CN;

Query Match            5.9%;  Score 6;  DB 5;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db    95 AECKTR 100
         |||||
Qy    71 AECKTR 76


RESULT  40
ID   5175255-8      STANDARD;      PRT;     241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5175255
XX
CC      APPLICANT: Thomason, Arlen R.;Nicholson, Margery
CC      TITLE OF INVENTION: METHODS FOR PURIFICATION OF PLATELET-
CC   DERIVED GROWTH FACTOR
CC      NUMBER OF SEQUENCES: 9
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: US/06/25,344
CC         FILING DATE: 23-MAR-1987
CC   SEQ ID NO:8:
CC      LENGTH: 241
SQ   SEQUENCE   241 AA; 27123 MW; 283619 CN;

Query Match            5.9%;  Score 6;  DB 5;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db    95 AECKTR 100
         |||||
Qy    71 AECKTR 76


RESULT  41
ID   5175255-2      STANDARD;      PRT;     241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5175255
XX
CC   Patent No. 5175255
CC      APPLICANT: Thomason, Arlen R.;Nicholson, Margery
CC      TITLE OF INVENTION: METHODS FOR PURIFICATION OF PLATELET-
CC   DERIVED GROWTH FACTOR
CC      NUMBER OF SEQUENCES: 9
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: US/06/25,344
CC         FILING DATE: 23-MAR-1987
CC   SEQ ID NO:2:
CC      LENGTH: 241
SQ   SEQUENCE   241 AA; 27167 MW; 285653 CN;

Query Match            5.9%;  Score 6;  DB 5;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db    95 AECKTR 100
         |||||
Qy    71 AECKTR 76


RESULT  42
ID   PCT-US96-09001-9       STANDARD;      PRT;     241 AA.
XX
AC   xxxxxx
DT
XX
DE   Sequence 9, Application PC/TUS9609001
XX
CC   Sequence 9, Application PC/TUS9609001
CC   GENERAL INFORMATION:
CC      APPLICANT: HU, ET AL.
CC      TITLE OF INVENTION: Human Vascular EndothelialGrowth Factor 2
CC      NUMBER OF SEQUENCES: 10
CC      CORRESPONDENCE ADDRESS:
CC         ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
CC         ADDRESSEE: CECCHI, STEWART & OLSTEIN
CC         STREET: 6 BECKER FARM ROAD
CC         CITY: ROSELAND
CC         STATE: NEW JERSEY
CC         COUNTRY: USA
CC         ZIP: 07068
CC      COMPUTER READABLE FORM:
CC         MEDIUM TYPE: 3.5 INCH DISKETTE
CC         COMPUTER: IBM PS/2
CC         OPERATING SYSTEM: MS-DOS
CC         SOFTWARE: WORD PERFECT 5.1
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: PCT/US96/09001
CC         FILING DATE:
CC         CLASSIFICATION:
CC      PRIOR APPLICATION DATA:
CC         APPLICATION NUMBER: 08/465,968
CC         FILING DATE: 6 JUN 95
CC         APPLICATION NUMBER: 08/207,550
CC         FILING DATE: 8 MAR 1994
CC      ATTORNEY/AGENT INFORMATION:
CC         NAME: FERRARO, GREGORY D.
CC         REGISTRATION NUMBER: 36,134
CC         REFERENCE/DOCKET NUMBER: 325800-288
CC      TELECOMMUNICATION INFORMATION:
CC         TELEPHONE: 201-994-1700
CC         TELEFAX: 201-994-1744
CC   INFORMATION FOR SEQ ID NO: 9:
CC      SEQUENCE CHARACTERISTICS:
CC         LENGTH: 241 AMINO ACIDS
CC         TYPE: AMINO ACID
CC         STRANDEDNESS:
CC         TOPOLOGY: LINEAR
CC      MOLECULE TYPE: PROTEIN
SQ   SEQUENCE   241 AA; 27283 MW; 285581 CN;
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Query Match          5.9%;   Score 6;   DB 4;  Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches      6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT  43
ID  US-08-387-845-4    STANDARD;    PRT;    241 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 4, Application US/08387845
XX
CC  Patent No. 5665567
CC  GENERAL INFORMATION:
CC    APPLICANT:
CC    TITLE OF INVENTION:  Preparation of heterodimeric PDGF-AB using a
CC    TITLE OF INVENTION:  bicistronic vector system in mammalian cells
CC    NUMBER OF SEQUENCES: 16
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER:  US/08/387,845
CC      FILING DATE:
CC      CLASSIFICATION: 435
CC    INFORMATION FOR SEQ ID NO:  4:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH: 241 amino acids
CC        TYPE: amino acid
CC        TOPOLOGY: linear
CC      MOLECULE TYPE: protein
SQ  SEQUENCE   241 AA; 27283 MW; 285581 CN;

Query Match          5.9%;   Score 6;   DB 1;  Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches      6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT  44
ID  US-08-778-275-4    STANDARD;    PRT;    241 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 4, Application US/08778275
XX
CC  Patent No. 5935819
CC  GENERAL INFORMATION:
CC    APPLICANT:
CC    TITLE OF INVENTION:  Preparation of heterodimeric PDGF-AB using a
CC    TITLE OF INVENTION:  bicistronic vector system in mammalian cells
CC    NUMBER OF SEQUENCES: 16
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC    CURRENT APPLICATION DATA:

CC      APPLICATION NUMBER:  US/08/778,275
CC      FILING DATE:
CC      CLASSIFICATION:
CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER:  08/387,845
CC      FILING DATE:
CC    INFORMATION FOR SEQ ID NO:  4:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH: 241 amino acids
CC        TYPE: amino acid
CC        TOPOLOGY: linear
CC      MOLECULE TYPE: protein
SQ  SEQUENCE   241 AA; 27283 MW; 285581 CN;

Query Match          5.9%;   Score 6;   DB 2;  Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches      6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT  45
ID  US-08-569-063C-23    STANDARD;    PRT;    241 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 23, Application US/08569063C
XX
CC  Sequence 23, Application US/08569063C
CC  Patent No. 5928939
CC  GENERAL INFORMATION:
CC    APPLICANT: ERIKSSON, Ulf
CC    APPLICANT: OLOFSSON, Birgitta
CC    APPLICANT: ALITALO, Kari
CC    APPLICANT: PAJUSOLA, Katri
CC    TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
CC    TITLE OF INVENTION: DNA CODING THEREFOR
CC    NUMBER OF SEQUENCES: 23
CC    CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
CC      STREET: 1200 G Street, N.W., Suite 700
CC      CITY: Washington
CC      STATE: DC
CC      COUNTRY: USA
CC      ZIP: 20005
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/569,063C
CC      FILING DATE: 06-DEC-1995
CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: US 08/469,427
CC      FILING DATE: 06-JUN-1995
CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: US 08/397,651
CC      FILING DATE: 01-MAR-1995
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME: EVANS, Joseph D
CC      REGISTRATION NUMBER: 26,269
CC      REFERENCE/DOCKET NUMBER: 1064/41979CP3
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (202) 628-8800
CC      TELEFAX: (202) 628-8844
CC    INFORMATION FOR SEQ ID NO: 23:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH: 241 amino acids
```

CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 241 AA; 27381 MW; 282823 CN;

Query Match   5.9%;   Score 6; DB 2; Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   95 AECKTR 100
      ||||||
Qy   71 AECKTR 76

RESULT 46
ID   US-08-867-352-4   STANDARD;   PRT;   241 AA.
XX
AC   xxxxxx
XX

Sequence 4, Application US/08867352

CC   Sequence 4, Application US/08867352
CC   Patent No. 6060273
CC   GENERAL INFORMATION:
CC   APPLICANT:
CC   TITLE OF INVENTION: Multicistronic expression units and their use
CC   NUMBER OF SEQUENCES: 25
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/867,352
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/387,847
CC   FILING DATE:
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 241 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 241 AA; 27283 MW; 285581 CN;

Query Match   5.9%;   Score 6; DB 3; Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   95 AECKTR 100
      ||||||
Qy   71 AECKTR 76

RESULT 47
ID   US-08-469-427A-13   STANDARD;   PRT;   241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 13, Application US/08469427A

CC   Sequence 13, Application US/08469427A
CC   Patent No. 5607918
CC   GENERAL INFORMATION:
CC   APPLICANT: Eriksson, Ulf
CC   APPLICANT: Olofsson, Birgitta

CC   APPLICANT: Alitalo, Kari
CC   APPLICANT: Pajusola, Katri
CC   TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
CC   TITLE OF INVENTION: DNA CODING THEREFOR
CC   NUMBER OF SEQUENCES: 17
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
CC   STREET: 1200 G Street, N.W., Suite 700
CC   CITY: Washington
CC   STATE: DC
CC   ZIP: 20005
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/469,427A
CC   FILING DATE: 06-JUN-1995
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/397,651
CC   FILING DATE: 01-MAR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Evans, Joseph D
CC   REGISTRATION NUMBER: 26,269
CC   REFERENCE/DOCKET NUMBER: 41979cp2
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (202) 628-8800
CC   TELEFAX: (202) 628-8844
CC   INFORMATION FOR SEQ ID NO: 13:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 241 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 241 AA; 27381 MW; 282823 CN;

Query Match   5.9%;   Score 6; DB 1; Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   95 AECKTR 100
      ||||||
Qy   71 AECKTR 76

RESULT 48
ID   US-09-042-105-6   STANDARD;   PRT;   241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 6, Application US/09042105

CC   Sequence 6, Application US/09042105
CC   Patent No. 6040157
CC   GENERAL INFORMATION:
CC   APPLICANT: HU, JING-SHAN
CC   APPLICANT: ROSEN, CRAIG A.
CC   APPLICANT: CAO, LIANG
CC   TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
CC   NUMBER OF SEQUENCES: 35
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
CC   STREET: 1100 NEW YORK AVENUE
CC   CITY: WASHINGTON
CC   STATE: DC
CC   COUNTRY: USA
CC   ZIP: 20005
CC   COMPUTER READABLE FORM:

CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/989,251
CC FILING DATE:
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Sptuill, W. Murray
CC REGISTRATION NUMBER: 32,943
CC REFERENCE/DOCKET NUMBER: 5784-4
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 919 420 2202
CC TELEFAX: 919 881 3175
CC INFORMATION FOR SEQ ID NO: 29:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 241 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 241 AA; 27283 MW; 285581 CN;

Query Match   5.9%; Score 6; DB 3; Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative   6; Mismatches   0;

Db 95 AECKTR 100
        ||||||
Qy 71 AECKTR 76

RESULT 50
ID US-08-999-811-6   STANDARD;   PRT;   241 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 6, Application US/08999811
XX
CC Sequence 6, Application US/08999811
CC Patent No. 5932540
CC GENERAL INFORMATION:
CC APPLICANT: HU, JING-SHAN
CC APPLICANT: ROSEN, CRAIG A.
CC APPLICANT: CAO, LIANG
CC TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
CC NUMBER OF SEQUENCES: 15
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
CC STREET: 1100 NEW YORK AVENUE
CC CITY: WASHINGTON
CC STATE: DC
CC COUNTRY: USA
CC ZIP: 20005
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/999,811
CC FILING DATE: HEREWITH
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/207,550
CC FILING DATE: 8-MAR-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/465,968
CC FILING DATE: 06-JUN-1995
CC ATTORNEY/AGENT INFORMATION:
CC NAME: MARKOWICZ, KAREN R.
CC REGISTRATION NUMBER: 36,351
CC REFERENCE/DOCKET NUMBER: 1488.1000004
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (202)371-2600

CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/09/042,105
CC FILING DATE: HEREWITH
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/207,550
CC FILING DATE: 8-MAR-1994
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/465,968
CC FILING DATE: 06-JUN-1995
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: TO BE ASSIGNED
CC FILING DATE: 24-DEC-1997
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: ERIC K. STEFFE
CC REGISTRATION NUMBER: 36,688
CC REFERENCE/DOCKET NUMBER: 1488.1000003/EKS
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (202)371-2600
CC TELEFAX: (202)371-2540
CC INFORMATION FOR SEQ ID NO: 6:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 241 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: not relevant
CC MOLECULE TYPE: protein
SQ SEQUENCE 241 AA; 27283 MW; 285581 CN;

Query Match   5.9%; Score 6; DB 3; Length 241;
Best Local Similarity 100.08%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative   6; Mismatches   0;

Db 95 AECKTR 100
        ||||||
Qy 71 AECKTR 76

RESULT 49
US-08-989-251-29   STANDARD;   PRT;   241 AA.
xxxxxx
XX
DT
XX
DE Sequence 29, Application US/08989251
XX
CC Sequence 29, Application US/08989251
CC Patent No. 6017731
CC GENERAL INFORMATION:
CC APPLICANT: Tekamp-Olson, Patricia
CC TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC TITLE OF INVENTION: PROTEINS IN YEAST
CC NUMBER OF SEQUENCES: 41
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC STREET: 3605 Glenwood Ave. Suite 310
CC CITY: Raleigh
CC STATE: NC
CC COUNTRY: US
CC ZIP: 27622
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30

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CC         TELEFAX: (202)371-2540
CC    INFORMATION FOR SEQ ID NO: 6:
CC       SEQUENCE CHARACTERISTICS:
CC          LENGTH: 241 amino acids
CC          TYPE: amino acid
CC          STRANDEDNESS: single
CC          TOPOLOGY: not relevant
CC          MOLECULE TYPE: protein
SQ    SEQUENCE  241 AA;  27283 MW; 285581 CN;

Query Match            5.9%;  Score 6;  DB 2;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches     6;  Conservative     0;  Mismatches  0;  Indels  0;  Gaps  0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76

RESULT  51
US-08-824-996-8        STANDARD;       PRT;       241 AA.

xxxxxx

Sequence 8, Application US/08824996B

Sequence 8, Application US/08824996B
Patent No. 5935820
GENERAL INFORMATION:
   APPLICANT: Hu, Jing-Shan
   APPLICANT: Rosen, Craig A.
   APPLICANT: Cao, Liang
   TITLE OF INVENTION: Polynucelotides Encoding Vascular Endothelial Growth
   TITLE OF INVENTION: Factor 2
   FILE REFERENCE: PF112D1
   CURRENT APPLICATION NUMBER: US/08/824,996B
   CURRENT FILING DATE: 1997-03-27
   EARLIER APPLICATION NUMBER: 08/207,550
   EARLIER FILING DATE: 1994-03-08
   NUMBER OF SEQ ID NOS: 9
   SOFTWARE: PatentIn Ver. 2.0
   SEQ ID NO 8
      LENGTH: 241
      TYPE: PRT
      ORGANISM: Homo sapiens
SQ    SEQUENCE  241 AA;  27283 MW; 285581 CN;

Query Match            5.9%;  Score 6;  DB 2;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches     6;  Conservative     0;  Mismatches  0;  Indels  0;  Gaps  0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76

RESULT  52
ID  US-08-948-616-9        STANDARD;       PRT;       254 AA.
XX
AC  xxxxxx
XX
DT
DE  Sequence 9, Application US/08948616
XX
CC  Sequence 9, Application US/08948616
CC  Patent No. 5840539
CC  GENERAL INFORMATION:
CC     APPLICANT: Hillman, Jennifer L.
CC     APPLICANT: Lal, Preeti
CC     APPLICANT: Shah, Purvi
```

```
CC   APPLICANT: Corley, Neil C.
CC   TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC      STREET: 3174 Porter Drive
CC      CITY: Palo Alto
CC      STATE: CA
CC      COUNTRY: USA
CC      ZIP: 94304
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Diskette
CC      COMPUTER: IBM Compatible
CC      OPERATING SYSTEM: DOS
CC      SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/948,616
CC      FILING DATE: Herewith
CC      CLASSIFICATION: 530
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER:
CC      FILING DATE:
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME: Billings, Lucy J.
CC      REGISTRATION NUMBER: 36,749
CC      REFERENCE/DOCKET NUMBER: PF-0409 US
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: 650-855-0555
CC      TELEFAX: 650-845-4166
CC      TELEX:
CC   INFORMATION FOR SEQ ID NO: 9:
CC      SEQUENCE CHARACTERISTICS:
CC         LENGTH: 254 amino acids
CC         TYPE: amino acid
CC         STRANDEDNESS: single
CC         TOPOLOGY: linear
CC      IMMEDIATE SOURCE:
CC         LIBRARY: GenBank
CC         CLONE: 1223894
SQ   SEQUENCE  254 AA;  28544 MW; 318736 CN;

Query Match            5.9%;  Score 6;  DB 2;  Length 254;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches     6;  Conservative     0;  Mismatches  0;  Indels  0;  Gaps  0;

Db     133 STKINL 138
           ||||||
Qy      82 STKINL 87

RESULT  53
ID  US-09-193-510-9        STANDARD;       PRT;       254 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 9, Application US/09193510
XX
CC  Sequence 9, Application US/09193510
CC  Patent No. 5981226
CC  GENERAL INFORMATION:
CC     APPLICANT: Hillman, Jennifer L.
CC     APPLICANT: Lal, Preeti
CC     APPLICANT: Shah, Purvi
CC     APPLICANT: Corley, Neil C.
CC  TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC  NUMBER OF SEQUENCES: 11
CC  CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC     STREET: 3174 Porter Drive
CC     CITY: Palo Alto
CC     STATE: CA
```

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CC   COUNTRY: USA
CC   ZIP: 94304
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/09/193,510
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/948,616
CC   FILING DATE:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Billings, Lucy J.
CC   REGISTRATION NUMBER: 36,749
CC   REFERENCE/DOCKET NUMBER: PF-0409 US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 650-855-0555
CC   TELEFAX: 650-845-4166
CC   TELEX:
CC   INFORMATION FOR SEQ ID NO: 9:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 254 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   IMMEDIATE SOURCE:
CC   LIBRARY: GenBank
CC   CLONE: 1223894
SQ   SEQUENCE   254 AA; 28544 MW; 318736 CN;

Query Match        5.9%;   Score 6;   DB 2; Length 254;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches   6;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Db  133 STKINL 138
        ||||||
Qy   82 STKINL 87

RESULT  54
ID   US-08-622-352A-2      STANDARD;      PRT;      261 AA.
XX
AC   xxxxxx
XX
DE   Sequence 2, Application US/08622352A
XX
CC   Sequence 2, Application US/08622352A
CC   Patent No. 5824546
CC   GENERAL INFORMATION:
CC   APPLICANT: Bishai, William R.
CC   APPLICANT: DeMaio, James
CC   TITLE OF INVENTION: REGULATION OF A SIGMA FACTOR
CC   TITLE OF INVENTION: FROM MYCOBACTERIUM TUBERCULOSIS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.
CC   STREET: 1100 New York Avenue, N.W.
CC   CITY: Washington
CC   STATE: DC
CC   COUNTRY: USA
CC   ZIP: 20005-3918
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: Word Perfect
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/622,352A
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CC   FILING DATE: 27-MAR-1996
CC   CLASSIFICATION: 435
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 261 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ORIGINAL SOURCE:
CC   ORGANISM: Mycobacterium tuberculosis
SQ   SEQUENCE   261 AA; 28779 MW; 317415 CN;

Query Match        5.9%;   Score 6;   DB 2; Length 261;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches   6;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Db  145 SELAAE 150
        ||||||
Qy   67 SELAAE 72

RESULT  55
ID   US-08-622-353-2      STANDARD;      PRT;      261 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 2, Application US/08622353
XX
CC   Patent No. 5700925
CC   GENERAL INFORMATION:
CC   APPLICANT: Bishai, William R.
CC   APPLICANT: Young, Douglas B.
CC   APPLICANT: Zhang, Ying
CC   APPLICANT: DeMaio, James
CC   TITLE OF INVENTION: A STATIONARY PHASE, STRESS RESPONSE
CC   TITLE OF INVENTION: SIGMA FACTOR FROM MYCOBACTERIUM TUBERCULOSIS
CC   NUMBER OF SEQUENCES: 9
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Banner & Allegretti, LTD
CC   STREET: 1001 G Street, eleventh floor
CC   CITY: NW
CC   STATE: Washington DC
CC   COUNTRY: USA
CC   ZIP: 20001
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/622,353
CC   FILING DATE:
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Hoschelt, Dale
CC   REGISTRATION NUMBER: 19090
CC   REFERENCE/DOCKET NUMBER: 3181.51220
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 202-508-9100
CC   TELEFAX: 202-508-9299
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 261 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ORIGINAL SOURCE:
CC   ORGANISM: Mycobacterium tuberculosis
```

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SQ   SEQUENCE   261 AA; 28779 MW; 317415 CN;

Query Match    5.9%;        Score 6;   DB 1; Length 261;
Best Local Similarity 100.0%;          Pred. No. 5.04e+01;
Matches    6;   Conservative    0;   Mismatches    0;   Indels    0;   Gaps    0;

Db   145 SELAAE 150
         ||||||
Qy    67 SELAAE 72

RESULT 56
ID   US-08-445-847A-1       STANDARD;     PRT;     282 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 1, Application US/08445847A
XX
     Sequence 1, Application US/08445847A
     Patent No. 5705484
CC   GENERAL INFORMATION:
CC     APPLICANT: Thomason, Arlen R.
CC     TITLE OF INVENTION: Biologically Active
CC     TITLE OF INVENTION: Polypeptide Fusion Dimers
CC     NUMBER OF SEQUENCES: 9
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Amgen Inc.
CC       STREET: 1840 Dehavilland Dr.
CC       CITY: Thousand Oaks
CC       STATE: California
CC       COUNTRY: USA
CC       ZIP: 91320-1789
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
CC       COMPUTER: Apple Macintosh
CC       OPERATING SYSTEM: Macintosh OS 7.0
CC       SOFTWARE: Microsoft Word Version 5.0
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/445,847A
CC       FILING DATE: 22MAY1995
CC       CLASSIFICATION: 514
CC   INFORMATION FOR SEQ ID NO: 1:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 282 amino acid residues
CC       TYPE: amino acid
CC       STRANDEDNESS:
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: polypeptide
SQ   SEQUENCE   282 AA; 31703 MW; 384837 CN;

Query Match    5.9%;        Score 6;   DB 1; Length 282;
Best Local Similarity 100.0%;          Pred. No. 5.04e+01;
Matches    6;   Conservative    0;   Mismatches    0;   Indels    0;   Gaps    0;

Db   14 AECKTR 19
        ||||||
Qy   71 AECKTR 76

RESULT 57
ID   US-08-651-136C-20      STANDARD;     PRT;     293 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 20, Application US/08651136C
XX
     Sequence 20, Application US/08651136C
     Patent No. 6001639
CC   GENERAL INFORMATION:
```

```
CC     APPLICANT: Schulein, Martin
CC     APPLICANT: Andersen, Lene N.
CC     APPLICANT: Lassen, Soren F.
CC     APPLICANT: Kauppinen, Markus S.
CC     APPLICANT: Lange, Lene
CC     APPLICANT: Nielsen, Ruby I.
CC     APPLICANT: Ihara, Michiko
CC     APPLICANT: Takagi, Shinobu
CC     TITLE OF INVENTION: No. 6001639el Endoglucanases
CC     NUMBER OF SEQUENCES: 109
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC       STREET: 405 Lexington Avenue, 64th Floor
CC       CITY: New York
CC       STATE: New York
CC       COUNTRY: United States of America
CC       ZIP: 10174-6401
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.30
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/651,136C
CC       FILING DATE: 21-MAY-1996
CC       CLASSIFICATION: 435
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Lambiris, Elias J.
CC       REGISTRATION NUMBER: 33,728
CC       REFERENCE/DOCKET NUMBER: 4366.200-US
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 212-867-0123
CC       TELEFAX: 212-878-9655
CC   INFORMATION FOR SEQ ID NO: 20:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 293 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE   293 AA; 30183 MW; 466114 CN;

Query Match    5.9%;        Score 6;   DB 3; Length 293;
Best Local Similarity 100.0%;          Pred. No. 5.04e+01;
Matches    6;   Conservative    0;   Mismatches    0;   Indels    0;   Gaps    0;

Db   94 LAGSSE 99
        ||||||
Qy   63 LAGSSE 68

RESULT 58
ID   US-08-651-136C-4       STANDARD;     PRT;     297 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08651136C
XX
     Sequence 4, Application US/08651136C
     Patent No. 6001639
CC   GENERAL INFORMATION:
CC     APPLICANT: Schulein, Martin
CC     APPLICANT: Andersen, Lene N.
CC     APPLICANT: Lassen, Soren F.
CC     APPLICANT: Kauppinen, Markus S.
CC     APPLICANT: Lange, Lene
CC     APPLICANT: Nielsen, Ruby I.
CC     APPLICANT: Ihara, Michiko
CC     APPLICANT: Takagi, Shinobu
CC     TITLE OF INVENTION: No. 6001639el Endoglucanases
CC     NUMBER OF SEQUENCES: 109
CC     CORRESPONDENCE ADDRESS:
```

```
CC   ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC   STREET: 405 Lexington Avenue, 64th Floor
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: United States of America
CC   ZIP: 10174-6401
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/651,136C
CC   FILING DATE: 21-MAY-1996
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Lambiris, Elias J.
CC   REGISTRATION NUMBER: 33,728
CC   REFERENCE/DOCKET NUMBER: 4366.200-US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 212-867-0123
CC   TELEFAX: 212-878-9655
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 297 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 297 AA; 31092 MW; 482392 CN;

Query Match    5.9%;  Score 6;  DB 3;  Length 297;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db  98 LAGSSE 103
       ||||||
Qy  63 LAGSSE 68

RESULT 59
ID   US-08-651-136C-18     STANDARD;     PRT;     298 AA.
XX
AC   xxxxxx
XX
DT
XX
Sequence 18, Application US/08651136C

Sequence 18, Application US/08651136C
Patent No. 6001639
GENERAL INFORMATION:
APPLICANT:  Schulein, Martin
APPLICANT:  Andersen, Lene N.
APPLICANT:  Lassen, Soren F.
APPLICANT:  Kauppinen, Markus S.
APPLICANT:  Lange, Lene
APPLICANT:  Nielsen, Ruby I.
APPLICANT:  Ihara, Michiko
APPLICANT:  Takagi, Shinobu
TITLE OF INVENTION: No. 6001639el Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/651,136C
CC   FILING DATE: 21-MAY-1996
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Lambiris, Elias J.
CC   REGISTRATION NUMBER: 33,728
CC   REFERENCE/DOCKET NUMBER: 4366.200-US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 212-867-0123
CC   TELEFAX: 212-878-9655
CC   INFORMATION FOR SEQ ID NO: 18:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 298 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 298 AA; 30762 MW; 481724 CN;

Query Match    5.9%;  Score 6;  DB 3;  Length 298;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db  99 LAGSSE 104
       ||||||
Qy  63 LAGSSE 68

RESULT 60
ID   US-09-193-510-3     STANDARD;     PRT;     307 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 3, Application US/09193510
CC   Patent No. 5981226
XX
XX   Sequence 3, Application US/09193510
CC   GENERAL INFORMATION:
CC   APPLICANT:  Hillman, Jennifer L.
CC   APPLICANT:  Lal, Preeti
CC   APPLICANT:  Shah, Purvi
CC   APPLICANT:  Corley, Neil C.
CC   TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC   STREET: 3174 Porter Drive
CC   CITY: Palo Alto
CC   STATE: CA
CC   COUNTRY: USA
CC   ZIP: 94304
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/09/193,510
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/948,616
CC   FILING DATE:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Billings, Lucy J.
CC   REGISTRATION NUMBER: 36,749
CC   REFERENCE/DOCKET NUMBER: PF-0409 US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 650-855-0555
CC   TELEFAX: 650-845-4166
CC   TELEX:
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CC
CC     INFORMATION FOR SEQ ID NO: 3:
CC        SEQUENCE CHARACTERISTICS:
CC           LENGTH: 307 amino acids
CC           TYPE: amino acid
CC           STRANDEDNESS: single
CC           TOPOLOGY: linear
CC        IMMEDIATE SOURCE:
CC           LIBRARY: LUNGTUT07
CC           CLONE: 2607662
SQ     SEQUENCE 307 AA; 34947 MW; 494826 CN;

   Query Match           5.9%;
   Best Local Similarity 100.0%;
   Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db  133 STKINL 138
        ||||||
Qy   82 STKINL 87

RESULT 61
   US-08-948-616-3        STANDARD;    PRT;    307 AA.
AC  xxxxxx
XX
DT
XX
DE  Sequence 3, Application US/08948616
XX
CC  Sequence 3, Application US/08948616
CC  Patent No. 5840539
CC  GENERAL INFORMATION:
CC     APPLICANT: Hillman, Jennifer L.
CC     APPLICANT: Lal, Preeti
CC     APPLICANT: Shah, Purvi
CC     APPLICANT: Corley, Neil C.
CC  TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC  NUMBER OF SEQUENCES: 11
CC  CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC     STREET: 3174 Porter Drive
CC     CITY: Palo Alto
CC     STATE: CA
CC     COUNTRY: USA
CC     ZIP: 94304
CC  COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Diskette
CC     COMPUTER: IBM Compatible
CC     OPERATING SYSTEM: DOS
CC     SOFTWARE: FastSEQ for Windows Version 2.0
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/948,616
CC     FILING DATE: Herewith
CC     CLASSIFICATION: 530
CC  PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER:
CC     FILING DATE:
CC  ATTORNEY/AGENT INFORMATION:
CC     NAME: Billings, Lucy J.
CC     REGISTRATION NUMBER: 36,749
CC     REFERENCE/DOCKET NUMBER: PF-0409 US
CC  TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 650-855-0555
CC     TELEFAX: 650-845-4166
CC     TELEX:
CC
CC     INFORMATION FOR SEQ ID NO: 3:
CC        SEQUENCE CHARACTERISTICS:
CC           LENGTH: 307 amino acids
CC           TYPE: amino acid
CC           STRANDEDNESS: single
CC           TOPOLOGY: linear
CC        IMMEDIATE SOURCE:
CC           LIBRARY: LUNGTUT07
CC           CLONE: 2607662
SQ     SEQUENCE 307 AA; 34947 MW; 494826 CN;

   Query Match           5.9%;
   Best Local Similarity 100.0%;
   Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db  133 STKINL 138
        ||||||
Qy   82 STKINL 87

RESULT 62
ID  US-08-651-136C-6       STANDARD;    PRT;    308 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 6, Application US/08651136C
XX
CC  Sequence 6, Application US/08651136C
CC  Patent No. 6001639
CC  GENERAL INFORMATION:
CC     APPLICANT: Schulein, Martin
CC     APPLICANT: Andersen, Lene N.
CC     APPLICANT: Lassen, Soren F.
CC     APPLICANT: Kauppinen, Markus S.
CC     APPLICANT: Lange, Lene
CC     APPLICANT: Nielsen, Ruby I.
CC     APPLICANT: Ihara, Michiko
CC     APPLICANT: Takagi, Shinobu
CC  TITLE OF INVENTION: No. 6001639el Endoglucanases
CC  NUMBER OF SEQUENCES: 109
CC  CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC     STREET: 405 Lexington Avenue, 64th Floor
CC     CITY: New York
CC     STATE: New York
CC     COUNTRY: United States of America
CC     ZIP: 10174-6401
CC  COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.30
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/651,136C
CC     FILING DATE: 21-MAY-1996
CC     CLASSIFICATION: 435
CC  ATTORNEY/AGENT INFORMATION:
CC     NAME: Lambiris, Elias J.
CC     REGISTRATION NUMBER: 33,728
CC     REFERENCE/DOCKET NUMBER: 4366.200-US
CC  TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 212-867-0123
CC     TELEFAX: 212-878-9655
CC  INFORMATION FOR SEQ ID NO: 6:
CC     SEQUENCE CHARACTERISTICS:
CC        LENGTH: 308 amino acids
CC        TYPE: amino acid
CC        TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ     SEQUENCE 308 AA; 32263 MW; 512555 CN;

   Query Match           5.9%;
   Best Local Similarity 100.0%;
   Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   98 LAGSSE 103
        ||||||
Qy   63 LAGSSE 68
```

```
RESULT  63
ID   US-08-359-850-4      STANDARD;      PRT;      334 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08359850
XX
CC   Sequence 4, Application US/08359850
CC   Patent No. 5951982
CC   GENERAL INFORMATION:
CC      APPLICANT:  2 ller, Margot
CC      APPLICANT:  Herrlich, Peter
CC      APPLICANT:  Ponta, Helmut
CC      TITLE OF INVENTION:  Use of Antibody-Containing Preparations
CC      TITLE OF INVENTION:  for Immunosuppression
CC      NUMBER OF SEQUENCES:  5
CC      CORRESPONDENCE ADDRESS:
CC         ADDRESSEE:  Sterne, Kessler, Goldstein and Fox
CC         STREET:  1225 Connecticut Avenue
CC         CITY:  Washington
CC         STATE:  D.C.
CC         COUNTRY:  U.S.A.
CC         ZIP:  20036
CC      COMPUTER READABLE FORM:
CC         MEDIUM TYPE:  Floppy disk
CC         COMPUTER:  IBM PC compatible
CC         OPERATING SYSTEM:  PC-DOS/MS-DOS
CC         SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER:  US/08/359,850
CC         FILING DATE:
CC         CLASSIFICATION:  424
CC      PRIOR APPLICATION DATA:
CC         APPLICATION NUMBER:  US/07/963,323
CC         FILING DATE:
CC         APPLICATION NUMBER:  DE P 41 34 982.2
CC         FILING DATE:  23-OCT-1991
CC      TELECOMMUNICATION INFORMATION:
CC         TELEPHONE:  (202) 833-7533
CC         TELEFAX:  (202) 833-8716
CC   INFORMATION FOR SEQ ID NO: 4:
CC      SEQUENCE CHARACTERISTICS:
CC         LENGTH:  334 amino acids
CC         TYPE:  amino acid
CC         TOPOLOGY:  linear
SQ   SEQUENCE  334 AA;  36870 MW;  628479 CN;

Query Match        5.9%;  Score 6;  DB 2;  Length 334;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches      6;  Conservative      0;  Mismatches    0;  Indels    0;  Gaps    0;

Db   328 NVDGSL 333
         ||||||
Qy    42 NVDGSL 47
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RESULT  64
ID   US-08-844-153-2      STANDARD;      PRT;      348 AA.
XX
AC   xxxxxx
XX
DE   Sequence 2, Application US/08844153
XX
CC   Sequence 2, Application US/08844153
CC   Patent No. 5958734
CC   GENERAL INFORMATION:
CC      APPLICANT:  Lawlor, Elizabeth
CC      TITLE OF INVENTION:  No. 5958734el Compounds
```

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CC   NUMBER OF SEQUENCES:  6
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE:  SmithKline Beecham Corporation
CC      STREET:  709 Swedeland Road
CC      CITY:  King of Prussia
CC      STATE:  PA
CC      COUNTRY:  USA
CC      ZIP:  19046
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE:  Diskette
CC      COMPUTER:  IBM Compatible
CC      OPERATING SYSTEM:  DOS
CC      SOFTWARE:  FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER:  US/08/844,153
CC      FILING DATE:  18-APR-1997
CC      CLASSIFICATION:  536
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER:  9607992.6
CC      FILING DATE:  18-APR-1996
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME:  Gimmi, Edward R
CC      REGISTRATION NUMBER:  38,891
CC      REFERENCE/DOCKET NUMBER:  P31459
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE:  610-270-4478
CC      TELEFAX:  610-270-5090
CC      TELEX:
CC   INFORMATION FOR SEQ ID NO: 2:
CC      SEQUENCE CHARACTERISTICS:
CC         LENGTH:  348 amino acids
CC         TYPE:  amino acid
CC         STRANDEDNESS:  single
CC         TOPOLOGY:  linear
CC         MOLECULE TYPE:  protein
SQ   SEQUENCE  348 AA;  40119 MW;  585868 CN;

Query Match        5.9%;  Score 6;  DB 2;  Length 348;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches      6;  Conservative      0;  Mismatches    0;  Indels    0;  Gaps    0;

Db   212 DDHIAN 217
         ||||||
Qy    88 DDHIAN 93
```

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RESULT  65
ID   US-07-946-497-5      STANDARD;      PRT;      355 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 5, Application US/0794649T
XX
CC   Sequence 5, Application US/07946497
CC   Patent No. 5506119
CC   GENERAL INFORMATION:
CC      APPLICANT:  HERRLICH, Peter
CC      APPLICANT:  PONTA, Helmut
CC      APPLICANT:  GUENTHERT, Ursula
CC      APPLICANT:  MATZKU, Siegfried
CC      APPLICANT:  WENZL, Achim
CC      TITLE OF INVENTION:  VARIANT CD44 SURFACE PROTEINS, DNA
CC      TITLE OF INVENTION:  SEQUENCES CODING THESE, ANTIBODIES AGAINST THESE PROTEI
CC      TITLE OF INVENTION:  AS WELL AS THEIR USE IN DIAGNOSIS AND THERAPY
CC      NUMBER OF SEQUENCES:  8
CC      CORRESPONDENCE ADDRESS:
CC         ADDRESSEE:  Foley & Lardner
CC         STREET:  3000 K Street, N.W., Suite 500
CC         CITY:  Washington, D.C.
CC         COUNTRY:  USA
CC         ZIP:  20007-5109
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CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE: Floppy disk
CC        COMPUTER: IBM PC compatible
CC        OPERATING SYSTEM: PC-DOS/MS-DOS
CC        SOFTWARE: PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER: US/07/946,497
CC        FILING DATE: 19921109
CC        CLASSIFICATION: 435
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME: BENT, Stephen A.
CC        REGISTRATION NUMBER: 29,768
CC        REFERENCE/DOCKET NUMBER: 16915/145
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE: (202)672-5300
CC        TELEFAX: (202)672-5399
CC        TELEX: 904136
CC    INFORMATION FOR SEQ ID NO: 5:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH: 355 amino acids
CC        TYPE: AMINO ACID
CC        TOPOLOGY: linear
CC      IMMEDIATE SOURCE:
CC        CLONE: rat protein
SQ    SEQUENCE 355 AA; 39023 MW; 704229 CN;

Query Match     5.9%;            Score 6; DB 1; Length 355;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches    6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db     347 NVDGSL 352
           ||||||
Qy      42 NVDGSL 47

RESULT  66
ID   US-08-478-882-5       STANDARD;      PRT;      355 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 5, Application US/08478882
XX
CC   Sequence 5, Application US/08478882
CC   Patent No. 5885575
CC   GENERAL INFORMATION:
CC     APPLICANT: HERRLICH, Peter
CC     APPLICANT: PONTA, Helmut
CC     APPLICANT: GUENTHERT, Ursula
CC     APPLICANT: MATZKU, Siegfried
CC     APPLICANT: WENZL, Achim
CC     TITLE OF INVENTION: VARIANT CD44 SURFACE PROTEINS, DNA
CC     TITLE OF INVENTION: SEQUENCES CODING THESE, ANTIBODIES AGAINST THESE PROTEINS,
CC     TITLE OF INVENTION: AS WELL AS THEIR USE IN DIAGNOSIS AND THERAPY
CC     NUMBER OF SEQUENCES: 8
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Foley & Lardner
CC       STREET: 3000 K Street, N.W., Suite 500
CC       CITY: Washington, D.C.
CC       COUNTRY: USA
CC       ZIP: 20007-5109
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/478,882
CC       FILING DATE:
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US/07/946,497


CC      FILING DATE: 19921109
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME: BENT, Stephen A.
CC      REGISTRATION NUMBER: 29,768
CC      REFERENCE/DOCKET NUMBER: 16915/145
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (202)672-5300
CC      TELEFAX: (202)672-5399
CC      TELEX: 904136
CC    INFORMATION FOR SEQ ID NO: 5:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH: 355 amino acids
CC        TYPE: amino acid
CC        TOPOLOGY: linear
CC      IMMEDIATE SOURCE:
CC        CLONE: rat protein
SQ    SEQUENCE 355 AA; 39023 MW; 704229 CN;

Query Match     5.9%;            Score 6; DB 2; Length 355;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches    6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db     347 NVDGSL 352
           ||||||
Qy      42 NVDGSL 47

RESULT  67
ID   US-08-483-322-5       STANDARD;      PRT;      355 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 5, Application US/08483322
XX
CC   Sequence 5, Application US/08483322
CC   Patent No. 5760178
CC   GENERAL INFORMATION:
CC     APPLICANT: HERRLICH, Peter
CC     APPLICANT: PONTA, Helmut
CC     APPLICANT: GUENTHERT, Ursula
CC     APPLICANT: MATZKU, Siegfried
CC     APPLICANT: WENZL, Achim
CC     TITLE OF INVENTION: VARIANT CD44 SURFACE PROTEINS, DNA
CC     TITLE OF INVENTION: SEQUENCES CODING THESE, ANTIBODIES AGAINST THESE PROTEI
CC     TITLE OF INVENTION: AS WELL AS THEIR USE IN DIAGNOSIS AND THERAPY
CC     NUMBER OF SEQUENCES: 8
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Foley & Lardner
CC       STREET: 3000 K Street, N.W., Suite 500
CC       CITY: Washington, D.C.
CC       COUNTRY: USA
CC       ZIP: 20007-5109
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/483,322
CC       FILING DATE: 07-JUN-1995
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 07/946,497
CC       FILING DATE: 09-NOV-1992
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: BENT, Stephen A.
CC       REGISTRATION NUMBER: 29,768
CC       REFERENCE/DOCKET NUMBER: 16915/145
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (202)672-5300
CC       TELEFAX: (202)672-5399
```

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CC     TELEX: 904136
CC  INFORMATION FOR SEQ ID NO: 5:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 355 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     IMMEDIATE SOURCE:
CC       CLONE: rat protein
SQ  SEQUENCE  355 AA; 39023 MW; 704229 CN;

Query Match  5.9%;  Score 6;  DB 1; Length 355;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches   6;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Db    347 NVDGSL 352
            ||||||
Qy     42 NVDGSL 47

RESULT  68
ID  US-08-415-751-36    STANDARD;    PRT;    361 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 36, Application US/08415751
XX
CC  Sequence 36, Application US/08415751
CC  Patent No. 5643772
CC  GENERAL INFORMATION:
CC  APPLICANT:  PETERSEN, CAROLYN
CC  APPLICANT:  LEECH, JAMES
CC  APPLICANT:  NELSON, RICHARD, C.
CC  APPLICANT:  GUT, JIRI
CC  TITLE OF INVENTION:  POLYPEPTIDES BINDING ANTI-
CC  TITLE OF INVENTION:  CRYPTOSPORIDIUM ANTIBODIES, DNA
CC  TITLE OF INVENTION:  AND RNA ENCODING THEM, HYBRID
CC  TITLE OF INVENTION:  VECTOR AND TRANSFORMED HOST AND
CC  TITLE OF INVENTION:  METHODS FOR IMMUNOTHERAPY AND
CC  TITLE OF INVENTION:  DIAGNOSIS AND KIT
CC  NUMBER OF SEQUENCES:  50
CC  CORRESPONDENCE ADDRESS:
CC    ADDRESSEE: PHILLIPS, MOORE, LEMPIO & FINLEY
CC    STREET: 385 Sherman Avenue, Suite 6
CC    CITY: Palo Alto
CC    STATE: California
CC    COUNTRY: United States of America
CC    ZIP: 94306-1840
CC  COMPUTER READABLE FORM:
CC    MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage
CC    COMPUTER: PC
CC    OPERATING SYSTEM: DOS
CC    SOFTWARE: Wordperfect 5.1
CC  CURRENT APPLICATION DATA:
CC    APPLICATION NUMBER: US/08/415,751
CC    FILING DATE: 03-APR-1995
CC    CLASSIFICATION: 435
CC  PRIOR APPLICATION DATA:
CC    APPLICATION NUMBER: 08/071,880
CC    FILING DATE: June 1, 1993
CC    APPLICATION NUMBER: 07/891,301
CC    FILING DATE: May 29, 1992
CC  ATTORNEY/AGENT INFORMATION:
CC    NAME: Hana Dolezalova
CC    REGISTRATION NUMBER: 30,518
CC    REFERENCE/DOCKET NUMBER: 480.19-2 (HHD)
CC  TELECOMMUNICATION INFORMATION:
CC    TELEPHONE: (415) 324-1677
CC    TELEFAX: (415) 324-1678
CC  INFORMATION FOR SEQ ID NO: 36:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 361 amino acids


CC     TYPE: amino acid
CC     STRANDEDNESS: single
CC     TOPOLOGY: linear
CC   MOLECULE TYPE: peptide
CC   ORIGINAL SOURCE:
CC     ORGANISM: Cryptosporidium parvum
CC   FEATURE:
CC     NAME/KEY: Positions coded by nonsense codons are
CC     NAME/KEY: identified as Xaa.
SQ  SEQUENCE  361 AA; 40425 MW; 787927 CN;

Query Match  5.9%;  Score 6;  DB 1; Length 361;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches   6;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Db    250 SVLTST 255
            ||||||
Qy     16 SVLTST 21

RESULT  69
ID  US-07-803-622E-9    STANDARD;    PRT;    375 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 9, Application US/07803622E
XX
CC  Sequence 9, Application US/07803622E
CC  Patent No. 5525497
CC  GENERAL INFORMATION:
CC    APPLICANT:  Keller, Walter
CC    APPLICANT:  Lingner, Joachim
CC    APPLICANT:  Martin, Georges
CC    APPLICANT:  Wahle, Elmar
CC  TITLE OF INVENTION:  RECOMBINANT POLY(A) POLYMERASE
CC  NUMBER OF SEQUENCES:  9
CC  CORRESPONDENCE ADDRESS:
CC    ADDRESSEE:  Lyon & Lyon
CC    STREET:  611 West Sixth Street
CC    CITY:  Los Angeles
CC    STATE:  CA
CC    COUNTRY:  USA
CC    ZIP:  90017
CC  COMPUTER READABLE FORM:
CC    MEDIUM TYPE:  Floppy disk
CC    COMPUTER:  IBM PC compatible
CC    OPERATING SYSTEM:  PC-DOS/MS-DOS
CC    SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC  CURRENT APPLICATION DATA:
CC    APPLICATION NUMBER:  US/07/803,622E
CC    FILING DATE:  27-NOV-1991
CC    CLASSIFICATION:  435
CC  ATTORNEY/AGENT INFORMATION:
CC    NAME:  Warburg, Richard J.
CC    REGISTRATION NUMBER:  32,327
CC    REFERENCE/DOCKET NUMBER:  195/296
CC  TELECOMMUNICATION INFORMATION:
CC    TELEPHONE:  213-489-1600
CC    TELEFAX:  213-955-0440
CC    TELEX:  67-3510
CC  INFORMATION FOR SEQ ID NO: 9:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 375 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC    MOLECULE TYPE: protein
SQ  SEQUENCE  375 AA; 43065 MW; 753863 CN;

Query Match  5.9%;  Score 6;  DB 1; Length 375;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches   6;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;
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Db    88 SVIENV 93
         ||||||
Qy    38 SVIENV 43

RESULT 70
ID    US-07-803-622E-7    STANDARD;    PRT;    375 AA.
XX
AC    xxxxxx
XX
DT
XX
DE    Sequence 7, Application US/07803622E
CC    Sequence 7, Application US/07803622E
CC    Patent No. 5525497
CC    GENERAL INFORMATION:
CC       APPLICANT: Keller, Walter
CC       APPLICANT: Lingner, Joachim
CC       APPLICANT: Martin, Georges
CC       APPLICANT: Wahle, Elmar
CC    TITLE OF INVENTION: RECOMBINANT POLY(A) POLYMERASE
CC    NUMBER OF SEQUENCES: 9
CC    CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Lyon & Lyon
CC       STREET: 611 West Sixth Street
CC       CITY: Los Angeles
CC       STATE: CA
CC       COUNTRY: USA
CC       ZIP: 90017
CC    COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: Patentin Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/07/803,622E
CC       FILING DATE: 27-NOV-1991
CC       CLASSIFICATION: 435
CC    ATTORNEY/AGENT INFORMATION:
CC       NAME: Warburg, Richard J.
CC       REGISTRATION NUMBER: 32,327
CC       REFERENCE/DOCKET NUMBER: 195/296
CC    TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 213-489-1600
CC       TELEFAX: 213-955-0440
CC       TELEX: 67-3510
CC    INFORMATION FOR SEQ ID NO: 7:
CC    SEQUENCE CHARACTERISTICS:
CC       LENGTH: 375 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC    MOLECULE TYPE: protein
SQ    SEQUENCE 375 AA; 43065 MW; 753863 CN;

Query Match    5.9%;    Score 6;    DB 1; Length 375;
Best Local Similarity 100.0%;    Pred. No. 5.04e+01;
Matches 6;    Conservative 0;    Mismatches 0;    Indels 0;    Gaps 0;

Db    88 SVIENV 93
         ||||||
Qy    38 SVIENV 43

RESULT 71
ID    US-08-666-367B-7    STANDARD;    PRT;    404 AA.
XX
AC    xxxxxx
XX
DT
XX
DE    Sequence 7, Application US/08666367B
XX
CC    Sequence 7, Application US/08666367B
CC    Patent No. 5854042
CC    GENERAL INFORMATION:
CC       APPLICANT: Shuichi TSUJI et al.
CC    TITLE OF INVENTION: NOVEL SUGAR-CHAIN SYNTHETASE AND PROCESS FOR
CC    TITLE OF INVENTION: PRODUCING THE SAME
CC    NUMBER OF SEQUENCES: 8
CC    CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Wenderoth, Lind & Ponack
CC       STREET: 805 Fifteenth Street, N.W., #700
CC       CITY: Washington
CC       STATE: D.C.
CC       COUNTRY: U.S.A.
CC       ZIP: 20005
CC    COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
CC       COMPUTER: IBM Compatible
CC       OPERATING SYSTEM: MS-DOS
CC       SOFTWARE: Wordperfect 5.1
CC    CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/666,367B
CC       FILING DATE: August 19, 1996
CC       CLASSIFICATION: 435
CC    PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER:
CC       FILING DATE:
CC    ATTORNEY/AGENT INFORMATION:
CC     . NAME: Warren M. Cheek, Jr.
CC       REGISTRATION NUMBER: 33,367
CC       REFERENCE/DOCKET NUMBER:
CC    TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 202-371-8850
CC       TELEFAX:
CC       TELEX:
CC    INFORMATION FOR SEQ ID NO: 7:
CC    SEQUENCE CHARACTERISTICS:
CC       LENGTH: 404 amino acids
CC       TYPE: amino acid
CC       STRANDEDNESS: single
CC       TOPOLOGY: linear
CC    ORIGINAL SOURCE:
CC       ORGANISM: G. gallus (chicken)
SQ    SEQUENCE 404 AA; 45826 MW; 844143 CN;

Query Match    5.9%;    Score 6;    DB 2; Length 404;
Best Local Similarity 100.0%;    Pred. No. 5.04e+01;
Matches 6;    Conservative 0;    Mismatches 0;    Indels 0;    Gaps 0;

Db    272 SAIQGS 277
          ||||||
Qy    11 SAIQGS 16

RESULT 72
ID    US-08-682-193A-2    STANDARD;    PRT;    434 AA.
XX
AC    xxxxxx
XX
DT
XX
DE    Sequence 2, Application US/08682193A
CC    Sequence 2, Application US/08682193A
CC    Patent No. 5776740
CC    GENERAL INFORMATION:
CC       APPLICANT: HATAKEYAMA, Kazuhisa
CC       APPLICANT: GOTO, Makoto
CC       APPLICANT: TERASAWA, Masato
CC       APPLICANT: YUKAWA, Hideaki
CC    TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF
CC    TITLE OF INVENTION: L-TRYPTOPHANE
CC    NUMBER OF SEQUENCES: 2
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CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/962,203
CC   FILING DATE: 31-OCT-1997
CC   CLASSIFICATION: 536
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/844,153
CC   FILING DATE: 18-APR-1997
CC   APPLICATION NUMBER: 9607992.6
CC   FILING DATE: 18-APR-1996
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Gimmi, Edward R
CC   REGISTRATION NUMBER: 38,891
CC   REFERENCE/DOCKET NUMBER: P31459-1
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 610-270-4478
CC   TELEFAX: 610-270-5090
CC   TELEX:
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 480 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 480 AA; 55184 MW; 1158453 CN;

Query Match   5.9%; Score 6; DB 2; Length 480;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6; Conservative   6; Mismatches   0;

Db   212 DDHIAN 217
          ||||||
Qy   88 DDHIAN 93

RESULT 74
ID   US-08-500-635A-12   STANDARD;   PRT;   549 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 12, Application US/08500635A
XX
CC   Sequence 12, Application US/08500635A
CC   Patent No. 5955072
CC   GENERAL INFORMATION:
CC   APPLICANT: TAKAHASHI, Tohru
CC   APPLICANT: SERIZAWA, No. 5955072ufusa
CC   APPLICANT: KOISHI, Ryuta
CC   APPLICANT: KAWASHIMA, Ichiro
CC   TITLE OF INVENTION: EXPRESSION SYSTEMS UTILIZING
CC   TITLE OF INVENTION: AUTOLYZING FUSION PROTEINS
CC   TITLE OF INVENTION: AND A NOVEL REDUCING POLYPEPTIDE
CC   NUMBER OF SEQUENCES: 19
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Frishhauf, Holtz, Goodman, Langer & Chick, P.C.
CC   STREET: 767 Third Avenue-25th Floor
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: United States
CC   ZIP: 10017-2023
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.24
CC   CURRENT APPLICATION DATA:

CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
CC   STREET: 130 WATER STREET
CC   CITY: BOSTON
CC   STATE: MA
CC   COUNTRY: USA
CC   ZIP: 02019
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ Version 1.5
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/682,193A
CC   FILING DATE: 17-JUL-1996
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 7-181730
CC   FILING DATE: 18-JUL-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: DAVID, RESNICK S
CC   REGISTRATION NUMBER: 34,235
CC   REFERENCE/DOCKET NUMBER: 46643
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 617-523-3400
CC   TELEFAX: 617-523-6440
CC   TELEX: 200291 STRE
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 434 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ANTI-SENSE: NO
CC   FRAGMENT TYPE: internal
CC   ORIGINAL SOURCE:
SQ   SEQUENCE 434 AA; 46567 MW; 905162 CN;

Query Match   5.9%; Score 6; DB 1; Length 434;
Best Local Similarity 100.0%; Pred. No. 5.04e+01; Mismatches 0; Indels 0; Gaps 0;
Matches   6; Conservative   6; Mismatches   0; Indels 0; Gaps 0;

Db   54 QGSVLT 59
          ||||||
Qy   14 QGSVLT 19

RESULT 73
ID   US-08-962-203-2   STANDARD;   PRT;   480 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 2, Application US/08962203
XX
CC   Sequence 2, Application US/08962203
CC   Patent No. 5976840
CC   GENERAL INFORMATION:
CC   APPLICANT: Jaworski, Deborah
CC   APPLICANT: Lawlor, Elizabeth
CC   APPLICANT: Wang, Min
CC   TITLE OF INVENTION: NOVEL STREPTOCOCCAL ERS
CC   NUMBER OF SEQUENCES: 2
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: SmithKline Beecham Corporation
CC   STREET: 709 Swedeland Road
CC   CITY: King of Prussia
CC   STATE: PA
CC   COUNTRY: USA
CC   ZIP: 19406-0939

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CC   APPLICATION NUMBER: US/08/500,635A
CC   FILING DATE: 11-JUL-1995
CC   CLASSIFICATION: 514
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: JP 6-161053
CC   FILING DATE: 13-JUL-1994
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: JP 6-218392
CC   FILING DATE: 13-SEP-1994
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: JP 6-303809
CC   FILING DATE: 07-DEC-1994
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Goodman, Herbert
CC   REGISTRATION NUMBER: 17081
CC   REFERENCE/DOCKET NUMBER: 950376/HG
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (212) 319-4900
CC   TELEFAX: (212) 319-5101
CC   TELEX: 236268
CC   INFORMATION FOR SEQ ID NO: 12:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 549 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 549 AA; 60212 MW; 1556560 CN;

Query Match        5.9%;   Score 6; DB 2; Length 549;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;   Indels 0;   Gaps 0;
Matches   6;   Conservative   0;   Mismatches   0;

Db   14 SELAAE 19
          ||||||
Qy   67 SELAAE 72

RESULT 75
ID   PCT-US93-03027-3        STANDARD;        PRT;        678 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   PREVENTION OF BINDING OF NF- B/REL/DORSAL
XX
CC   Sequence 3, Application PC/TUS9303027
CC   GENERAL INFORMATION:
CC   APPLICANT: LEONARD, WARREN; TOLEDANO,
CC   APPLICANT: MICHEL
CC   xxxxxx
CC   TITLE OF INVENTION: CONTROL AND/OR
CC   TITLE OF INVENTION: PREVENTION OF BINDING OF NF- B/REL/DORSAL
CC   TITLE OF INVENTION:
CC   NUMBER OF SEQUENCES: 9
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: MORGAN & FINNEGAN
CC   STREET: 345 PARK AVENUE
CC   CITY: NEW YORK
CC   STATE: NEW YORK
CC   COUNTRY: USA
CC   ZIP: 10154
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: FLOPPY DISK
CC   COMPUTER: IBM PC COMPATIBLE
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: WORDPERFECT 5.1
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: PCT/US93/03027
CC   FILING DATE: 19930401
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US/07/862,987
CC   FILING DATE: 06-APR-1992
CC   ATTORNEY/AGENT INFORMATION:
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CC   NAME: DOROTHY R. AUTH
CC   REGISTRATION NUMBER: P-36,434
CC   REFERENCE/DOCKET NUMBER: 2026-4010 PCT
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 212-758-4800
CC   TELEFAX: 212-751-6849
CC   INFORMATION FOR SEQ ID NO: 3:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 678
CC   TYPE: AMINO ACID
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ORIGINAL SOURCE:
CC   ORGANISM: Drosophila melanogaster
CC   STRAIN: Oregon R
CC   INDIVIDUAL ISOLATE:
CC   DEVELOPMENTAL STAGE: embryo
CC   HAPLOTYPE:
CC   TISSUE TYPE:
CC   CELL TYPE:
CC   CELL LINE:
CC   ORGANELLE:
CC   FEATURE:
CC   NAME/KEY: Dorsal protein
CC   LOCATION:
CC   IDENTIFICATION METHOD:
CC   OTHER INFORMATION: D.melanogaster
CC   OTHER INFORMATION: embryonic polarity (dorsal) protein
CC   OTHER INFORMATION: containing region of high similarity
CC   OTHER INFORMATION: with proteins of Rel family.
CC   PUBLICATION INFORMATION:
CC   AUTHORS: Steward, R.
CC   TITLE: Dorsal, an embryonic polarity
CC   TITLE: gene in Drosophila, is homologous to
CC   TITLE: the vertebrate proto-oncogene, c-rel.
CC   JOURNAL: Science
CC   VOLUME: 238
CC   ISSUE:
CC   PAGES: 692-694
CC   DATE: 1987
CC   DOCUMENT NUMBER:
CC   FILING DATE:
CC   PUBLICATION DATE:
CC   RELEVANT RESIDUES IN SEQ ID NO:
SQ   SEQUENCE 678 AA; 75502 MW; 2127035 CN;

Query Match        5.9%;   Score 6; DB 4; Length 678;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;   Indels 0;   Gaps 0;
Matches   6;   Conservative   0;   Mismatches   0;

Db  183 IDLNSV 188
          ||||||
Qy   34 IDLNSV 39

Search completed: Wed Aug 16 10:00:08 2000
Job time : 43 secs.
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